Ansell
LIGHTING

S14

SOLUTIONS 14

TRADE BUYERS GUIDE
EFFECTIVE 1st April 2021

Ansell Lighting brand established in Belfast by Ansell Sales & Distribution for the Northern Ireland electrical wholesale market

Ansell Electrical Products established in Warrington, Cheshire for the electrical wholesale market throughout England, Scotland and Wales

First Supplier of the Year Industry Award. Recognising product quality and customer service

Ansell Lighting established in Dongguan City, Southern China

First trading month £70 (August 1992)

First Warrington trading month £74,850 (August 2001)

First £1,000,000 trading month (October 2006)

1992

2001

2006

2010

1994

2004

2009

2012

Release of first catalogue

First LED product released (AWO/9LED/BLU)

Ansell Electrical Products re-located to Stonecross Industrial Park,Golborne, Warrington to support continued expansion.

Became accredited member of the LIA

First patented product (iCage - Fire Rated Technology)

Ansell History

Ansell launch
Green Team Initiative

First AC LED Fire-Rated
downlight designed

Panel Pod voted
best new product
and marketing campaign

OCTO Connected
Range launched

Became an LIAQA
assured company

2013

2016

2018

2019

2014

2017

2019

2020

Award winning

Ansell Lighting celebrate
25 years of trading

Best New Product OCTO
and Best Overall Supplier

Tornado Pro voted
best new product

ENDO Lighting Corp
purchases Ansell Lighting

Ansell Lighting launch first
mid-collection catalogue
Solutions 12.5

Ansell Spain
established

ENDO Headquarters
Osaka Japan

ENDO LIGHTING CORP.

In 2014, Ansell Lighting was purchased by Endo Lighting Corporation of Japan as part of their global business expansion. Founded in 1967, Endo have been manufacturing luminaires for more than forty years with manufacturing facilities in Japan, Thailand and China.

Since 2008 luminaire manufacturing has been dedicated solely to LED products.

Thailand
ENDO Lighting (Thailand)
Public Company Limited

Philippine
ENDO Lighting (Thailand). Public Company
Limited Philippines Representative Office

Singapore
ENDO Lighting SE Asia Pte.Ltd

Pune
Endo Lighting Corp

Beijing
Endo Trade (Beijing) Shanghai Co. Ltd

Vietnam
Endo Lighting Vietnam Co. Ltd

Ansell Lighting
LIAQA Assured

The LIA offers members of this industry a specific Quality Assurance solution, which addresses legislative and regulatory requirements specific to the lighting industry and is designed to operate as a robust standalone quality solution, or as a scheme to work in conjunction with ISO9001.
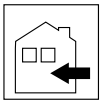
Using a modular approach and focusing on 'product type' specific requirements, LIAQA identifies the criteria for product acceptance, manufacturing process requirements, and the evidence that supports product conformity.

As an LIAQA-assured company and a member of the Lighting Industry Association (LIA), Ansell Lighting received during 2019, the coveted LIAQA award for our commitment to quality and we are proud of this recognition.
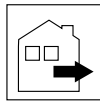
Focus has been placed on implementing improved quality processes, alongside staff training and investing heavily in third party product testing. We have produced a robust system for product approval, technical file generation, maintenance and quality assurance checks, all supported by a dedicated QA team.
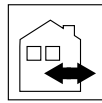
Easy Search Icon Guide

Suitable for internal use only

Suitable for external use only

Suitable for both internal and external use

Fire Rated Downlights

Part C Moisture Protection

Part E Acoustic Resistance

Part L Energy Effciency

Product Warranty as shown

iCage Lifetime Guarantee

Battery Warranty as shown

AC LED Products

RGB Colour Change LED Products

Ingress Protection Rating

Impact Protection (IK Rating)

Bathroom Zone 1 BSEN7671:2008 Full details page 570

Bathroom Zone 2 BSEN7671:2008 Full details page 570
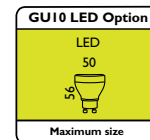
Self-Test Emergency

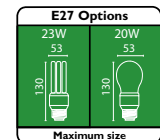Self-Test Emergency Option

Italian Innovation and Design

Surface Finish with the Appearance of Wood

Low Carbon Stainless Steel for Excellent Corrosion Resistance

LED Energy Saving Lamp Options

Energy Saving Lamp Options

Class I Luminaires with Earth Connection

Class II Luminaires with Double Insulation

Class III Luminaires with Supply of Safety Extra Low Voltage (SELV)

European Community Conformity

UK Conformity Assessed

Recessed Mounting

Surface Mounting

Suspended Mounting

Wall Mounting

Pole Mounting

OCTO Compatible with Smart Lamp

OCTO Compatible with Smart Indoor controller

OCTO Compatible with Smart Outdoor controller

OCTO Compatible with Smart RGBW controller

/OCTO option for OCTO Integrated Driver

Selectable Colour temperature via manual switch

Tunable White selectable colour temperature

RGB and Tunable White selectable colour temperature

Voice Control

Bluetooth Enabled

WiFi Enabled

Contents

Ansell App

The Ansell Lighting App has been designed with ease of use in mind which enables
our customers to access the information they need, wherever they are.

| Product **Search** | Product **Scanner** | Ready **Reckoner** | Energy Saving **Calculator** |

Ansell Website

The Ansell Lighting responsive website offers a high-quality, intuitive user experience
and can be accessed via PC, tablet or smartphone.

| Quick Search **Product Finder** | Product **Instructions** | Photometric **Files** | Product **Datasheets** |

Become an
Awesome Ansell Installer

visit **www.anselluk.com** or take a look at our social media pages to find out more...

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"Ansell UK"

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Like
"Ansell Lighting"

RELUX®

seai SUSTAINABLE ENERGY AUTHORITY OF IRELAND

CARBON TRUST | ACCREDITED SUPPLIER

Lighting Design Service

Our design team have a comprehensive product knowledge, technical experience and creative talent that provides the perfect solution every time for interior and exterior project applications.

Payback	Full 3D Rendering	Fast Scheme	LIA Certified
Calculations	**Plan**	**Turnaround**	**Designers**

The Lighting Design team at Ansell have helped us greatly in working out the best product and layout for our changing rooms and walk out to the pitch. Their team of highly trained people professional lighting designers provide an excellent service, providing plans and layouts to help us decide the best combination and location of luminaires, to help us create the desired effect.

Mike Rush, CEO of Saint Helens R.F.C

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Belfast: +44 (0) 2890 773750

Designed to...
Deliver

Design

Continued investment in product design by our dynamic in-house team puts us at the forefront of LED lighting technology.

Testing

All Ansell Lighting products are rigorously tested and fully compliant with European lighting equipment standards.

Manufacture

An efficient and streamlined manufacturing facility ensures a thorough and responsive service to our customers.

Assembly

Our highly-skilled production team assemble a wide variety of high quality luminaries, continually providing customers with cutting edge lighting products.

Next Day Delivery

Our staff have a wealth of experience in warehouse management, ensuring our products are despatched efficiently.

Warrington
Product Display Area: 230m^2

Visit our
Showrooms

Our state of the art showrooms in Warrington, Belfast and Dublin are accessible to our wholesale customers, contractors, architects and consultants. Designed to provide visitors with a detailed insight into our products and services, along with showrooms of luminaires in a professional, modern 'living' environment.

To book an appointment at any of the Ansell Lighting showrooms, please contact us at
showroomenquiries@anselluk.com

"The new lighting showroom at the Warrington offices is truly exceptional, showcasing stunningly beautiful luminaires from many different ranges and a variety of applications, as well as being able to fully demonstrate the very latest lighting control and colour changing lighting technologies. It is very easily the best lighting showroom that I have seen and is therefore well worth a visit for any serious lighting professional wishing to stay ahead of the game".

Paul Darling, Regional Lighting Engineer Edmundson Electrical

Dublin
Product Display Area: 115m ^{2}

Belfast
Product Display Area: 230m ^{2}

New Product Overview

Connected Lighting

27 OCTO WiZ Smart GU10 LED Tunable White Lamp

28 OCTO WiZ Smart GU10 LED RGBTW Lamp

36 Reef LED WiZ Bi-directional Wall Light

39 Garda LED RGBTW WiZ

40 Gamma Mini LED WiZ

41 Gamma LED WiZ

42 OCTO WiZ Smart Remote Control

44 OCTO WiZ Smart PIR Sensor

45 OCTO WiZ Wireless Smart Plug

Display

84

Prism Pro LED
Anti-glare

86

Prism Pro LED
Trimless Bezel Kit

99

Unity 125 DHP
LED Downlight

126-127

Vantage LED SMD
Downlight

132

Anzo MultiLED CCT
Adjustable Dimmable
Downlight

137

LED Emergency
Lighting Pack

204

Three Circuit Legion
LED Emergency
Track

220

24V LED Triac
Dimmable Drivers

221

Multicurrent LED
Dimmable Drivers

227

Boa LED and Krait
LED Accessories

248

Kaiser LED
Bathroom Light

New Product Overview

Amenity

261 Pi CCT LED Wall/Ceiling	**263** Pi CCT LED Low Level	**281** Reef LED Directional Wall Light	**283** Reef LED WiZ Bi-directional Wall Light	**302** Eclipse MultiLED CCT CorridorFUNCTION
306 Gamma Mini LED WiZ	**307** Gamma LED WiZ	**312** Disco Slim LED CCT	**314** Disco LED CCT	**316** Astro LED CCT CorridorFUNCTION
317 Delta LED CCT CorridorFUNCTION	**319** Mini Vision 3 LED PIR	**320** Vision 3 CCT LED PIR	**322** Helder LED CCT Circular Bulkhead	**323** Helder LED CCT Oval Bulkhead
378 Spirit LED Projector Asymmetric	**379** Spirit LED Projector Symmetric	**381** Garda LED RGBTW WiZ		

Floodlighting

414-423 Floodlight Spike Accessory	**410-411** Vaste LED Floodlight 20W and 150W	**418** Zion LED 110V Floodlight 20W	**426** Panther LED Wallpack	**430** Helix LED CCT Post Top
434 Magna LED Street Light				

Industrial

444	**448**	**450**	**452**	**454**
Z-LED Performance High Bay	Z-LED Performance Linear High Bay	ForceLINE LED 4FT	Opti-Linear LED Low Bay	Apex IP69K LED Tubular

461
Cyclone LED Non-Corrosive

Commercial

473	**476**	**479**	**504**	**510**
OTTO Evo LED CCT Suspended Linear	Vasco LED CCT 90 Corner Connector	Marlo LED UGR<19 Suspended Linear	Endurance 1200x600 TPa UGR<19 Panel	Pace LED TPa UGR<19 Backlit Recessed Panel

513	**523**
Pace LED TPa CCT Backlit Recessed Panel	Juno LED TPa UGR<19 Direct / Indirect

Emergency

539	**552**	**553**	**554**	**565**
Guardian LED 110V Bulkhead	Owl IP66 LED Twin Spot High Output	Raptor IP65 LED Twin Spot	Raptor IP20 LED Twin Spot	Three Circuit Legion LED Emergency Track

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OCTO

Connected
Lighting

Project
Private Residential
- London, UK

OCTO WiZ Venom p33
Strip Kit

OCTO WiZ GU10   p27
Tunable White Lamp

Connected Lighting Service

OCTO is Ansell's premier connected lighting service providing our customers with tailored and personalised solutions. We do not believe that there is one connected technology that fits all. OCTO supports your smart lighting installation from initial project scope and planning, to lighting design, install, commissioning and aftercare.

The OCTO service ensures that we support you in implementing the best, connected solution for your projects using our 'multi-option technology' approach. With a range of products in our portfolio, we have carefully selected partners and scrutinised world-class technologies to ensure we offer you an industry-leading service.

We can support a range of requirements, from residential applications requiring voice control, commercial buildings that prioritise energy saving and support employee wellbeing, to a warehouse that requires space optimisation and efficiency dashboard data … and much more!

With our continuous research, development and innovation, OCTO is constantly evolving to ensure we can offer revolutionary, forward thinking solutions for all our customers.

WiZ Connected is the perfect solution for residential smart lighting

Casambi systems are the ideal solution for many high end residential, commercial and industrial applications

Attend a connected lighting training session

Attend one of our introductory training sessions to learn more about the fantastic benefits of OCTO connected solutions. Complete the training online or at one of our training sessions. We have training facilities situated across the UK. Visit the website for more information.

Looking for CPD? Ansell also offers a CPD smart lighting course. Looking to understand the fundamentals of smart lighting and gain valuable CPD hours at the same time? We have an LIA accredited CPD course that teaches you all about the fundamentals of smart lighting.

We also have OCTO webinars available to watch any time on our YouTube channel.

Visit the Ansell Lighting channel to find out more

/OCTO *- Smart control*

Look out for the new /OCTO option in our catalogue. This allows a number of luminaires to be OCTO ready with the change of a driver and no need for the OCTO controller.
please see products listing on page 64
OCTO forms a proprietary mesh network where all system intelligence is replicated in each device, creating a network with no single points of failure.

Constant synchronisation so any enabled device can go offline and catch up from others in the network when it returns back online

Network security can be an important consideration so different sharing settings can be set for each network with different administrator passwords.

Self-organising and self-healing mesh network where each luminaire can relay information to and from others

Pairing and Networks

Pairing:
OCTO App will automatically find all OCTO enabled luminaires that are switched on

Grouping:
Control luminaires in a group together or as individual fittings

Scenes:
Lighting scenes and schedules create the perfect ambience for different occasions and needs

Network:
The established network is a mesh network, a mesh network does not have a central resource or point of failure.

Presence and Absence Detection

OCTO provides professional level control coupled with easy, intuitive commissioning. Functionality such as presence and absence detection - which reduces the amount of time the light is on. This can be set up effortlessly through the OCTO by Casambi App.

Absence Detection (Commercial)

Absence Detection (Domestic)

Upon entering a room the person switches on the light as normal, but on leaving the detector switches off the lighting automatically. Lights can also be switched off manually

Presence Detection (Commercial)

Presence Detection (Domestic)

Detectors will switch on lighting automatically when a person enters the room and switches off lighting automatically when no movement is detected

Daylight Harvesting

Daylight harvesting systems allow buildings to maximise natural lighting in the home/workplace, thereby reducing and increasing the artificial lighting as and when needed providing reduced energy consumption.

OCTO Smart PIR sensors can be used for Daylight harvesting to maximise energy savings

- Multi-tier hierarchy settings for intelligent interoperation of both manual and automated control.
- Accurately times override ON or OFF
- Active or passive PIR occupancy switching
- Automatic daylight savings time (BST) correction with offset adjustment
- Automatic sunrise / sunset prediction. This feature can be remotely adjusted via the OCTO App.

- Multi-tier hierarchy settings for intelligent interoperation of both manual and automated control.
- Accurately timed override ON or OFF
- Active or passive PIR occupancy switching
- Automatic daylight savings time (BST) correction with offset adjustment
- Automatic sunrise / sunset prediction. This feature can be remotely adjusted via the OCTO App.
- LED indicator for presence recognition within its detection range (can be turned off).

Circadian Rhythm in lighting

When designing a space for optimum productivity, it is not uncommon to focus on the colours of the walls and the layout of the building, but lighting has the potential to help a persons natural circadian rhythm. The right lighting changes (in the right place and at the right time) can potentially result in people who are more focused and productive during the day and experience fewer sleep disturbances at night.

Waking Up: The Energy of Natural Light

Gradual changes in lighting intensity, colour spectrum and temperature (that mimic the changing sky during sunrise) may help maximise feelings of alertness when a person is first awake.

Focusing: The Power of Cool Light

Individuals exposed to cooler lights can feel alert, more productive and perform better on tests. Cooler lighting can help workers focus while in the office, whether they are working on computers, taking client calls or collaborating on intensive projects.

Winding Down: Warm Light and Creativity

This could be an optimal time to use lighting to help people solve creative challenges. Warm lighting can promote creativity during project meetings or client pitches and support problem solving as people think through complex challenges.

OCTO WiZ
Key Features...

OCTO

WiZ
CONNECTED

- Enjoy seamless pairing using the OCTO WiZ Connected WiFi and Bluetooth hybrid technology solution.

- Select how you control your lights, with your smartphone, remote, motion sensors, existing wall switches or even your voice as options!

- Control your lights when you are home or away.

- Improve your wellbeing with Human Centric Lighting using the OCTO WiZ Connected 'Circadian Rhythm', featuring pre-set smooth light transitions or personalise with the 'My Rhythm' features.

- Utilise schedules to automate your OCTO WiZ Connected lights to fit your daily routines and save energy costs.

- Harness the power of other major connected ecosystems with easy integrations through the WiZ cloud.

- Protect your personal security via anonymous sign in and encrypted cloud connections.

** OCTO WiZ Connected is not compatible with any OCTO Casambi products**

OCTO - *WiZ Connected*

Mobile App

Voice Control

Scenes

Integrations

Schedules

21:30

Holiday mode

Multiple Locations

Turn your lights on in your home from your office and vice versa. You can even control your WiZ locations from as far away as the moon. As long as you have got access to the WiZ Cloud (via WiFi or mobile data) you can do what you want to do with your lights – even when you are not physically there.

No Hub Needed

Each WiZ light has its own brain – a 32-bit MCU chip with WiFi – for smarter automation, as our lights are directly, constantly and reliably connected to the cloud for up-to-date preferences and settings without any dependency on a hub or bridge.

Multiple Users

We have a powerful multi-user system with three different access right tiers over multiple WiZ locations:

● Owners can change settings and control the lights in all their WiZ locations – using internet connectivity or mobile data.

● Guests can enjoy control over lights when they are on the same Wifi network as the OCTO WIZ Connected home they want to control – but they will not be allowed to change any settings.

● Temporary guests have the same permissions as ordinary guests but they will lose access after a certain time period that you get to set for them – each one can be different!

WiZ
CONNECTED

64,000 **WHITES**

Preset light modes

16 million **COLOURS**

Preset Dynamic light modes

Advanced Voice Control

works with **Hey Google**

WORKS WITH **alexa**

Works with **Siri** Shortcuts

Works seamlessly with voice assistants such as Hey Google, Amazon Alexa and Apple Siri Shortcuts

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OCTO
CASAMBI
Enabled

Designed to
Deliver ...

OCTO WiZ Smart GU10 LED Tunable White Lamp

Voice Control

- Bluetooth and Wifi enabled smart lamp; no need for Wifi hub
- Commissioned via WiZ App
- Voice activated compatibility; offers hands-free controls, perfect for domestic and commercial properties
- Exceeds performance of 35W GU10 halogen
- Fully dimmable from 10% to 100%
- Tunable white between 2700K - 6500K
- Group, scene, holiday and timer settings achieved via WiZ App
- Suitable for any GU10 compatible product – Please check lamp size to ensure compatibility
- Lamp lifespan 25,000 hours

Ø50

36°

58

Tunable White

LED Information

Total (Watts)	4.9W
Lumens Delivered	400lm
CRI	Ra 90
CCT	2700-6500K
Input	220/240V
Hertz	50/60Hz
Operating Temp	-20°C - 45°C

Code	Lamp	Description	Trade
AOCTOW/GU10LED/TW	GU10	4.9W - LED Tunable White	**£22.50**

UK CA CE IP20

OCTO WiZ Smart GU10 LED RGBTW Lamp

3YR

Voice Control

OCTO

WiZ CONNECTED

- Bluetooth and Wifi enabled smart lamp; no need for Wifi hub
- Commissioned via WiZ App
- Voice activated compatibility; offers hands-free controls, perfect for domestic and commercial properties
- RGB and Tunable white for total colour and comfort
- Fully dimmable from 10% to 100%
- Exceeds performance of 35W GU10 halogen
- Group, scene, holiday and timer settings achieved via WiZ App
- Suitable for any GU10 compatible product – Please check lamp size to ensure compatibility
- Lamp lifespan 25,000 hours

WiZ CONNECTED
COLORS

Ø50

36°

58

RGBTW

LED Information

Total (Watts)	4.9W
Lumens Delivered	400lm
CRI	Ra 90
CCT	2200-6500K (RGB)
Input	220/240V
Hertz	50/60Hz
Operating Temp	-20°C - 45°C

Code	Lamp	Description	Trade
AOCTOW/GU10LED/RGBTW	GU10	4.9W - LED Tunable White	**£27.00**

UK CA CE IP20

OCTO WiZ A60 Tuneable White Smart Lamp

Voice Control

- Bluetooth and Wifi enabled smart lamp; no need for Wifi hub
- Commissioned via WiZ App
- Voice activated compatibility; offers hands-free controls, perfect for domestic and commercial properties
- A60 is comparable with 60W incandescent lamp
- Fully dimmable from 10% to 100%
- Tunable white between 2700K - 6500K
- E27 and B22 base options available
- Group, scene, holiday and timer settings achieved via WiZ App
- Suitable for indoor applications in dry rooms, professional use in public buildings and outdoor use in specially shielded luminaires
- Lamp lifespan 25,000 hours

OCTO

WiZ CONNECTED

Tunable White

Ø60

Ø60

118

116

Lamp Information

Total (Watts)	8W
Lumens Delivered	806lm
CRI	Ra 90
CCT	2700-6500K
Input	220/240V
Hertz	50/60Hz
Operating Temp	-20°C - 45°C

UK CA CE IP20

Code	Lamp	Description	Trade
AOCTOW/A60LED/TW/E27	E27	8W - LED Tunable White - E27	**£40.00**
AOCTOW/A60LED/TW/B22	B22	8W - LED Tunable White - B22	**£40.00**

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OCTO WiZ A60 RGBTW Smart Lamp

3YR

Voice Control

OCTO

WiZ CONNECTED

- Bluetooth and Wifi enabled smart lamp; no need for Wifi hub
- Commissioned via WiZ App
- Voice activated compatibility; offers hands-free controls, perfect for domestic and commercial properties
- RGB and Tunable white for total colour and comfort
- A60 is comparable with 60W incandescent lamp
- Fully dimmable from 10% to 100%
- E27 and B22 base options available
- Comparable output to a 60W tungsten halogen
- Group, scene, holiday and timer settings achieved via WiZ App
- Suitable for indoor applications in dry rooms, professional use in public buildings and outdoor use in specially shielded luminaires
- Lamp lifespan 25,000 hours

RGBTW

Ø60   Ø60

118   116

Lamp Information

Total (Watts)	8W
Lumens Delivered	806lm
CRI	Ra 90
CCT	2700-6500K (RGB)
Input	220/240V
Hertz	50/60Hz
Operating Temp	-20°C - 45°C

Code	Lamp	Description	Trade
AOCTOW/A60LED/RGBTW/E27	E27	8W - LED RGBTW - E27	**£50.00**
AOCTOW/A60LED/RGBTW/B22	B22	8W - LED RGBTW - B22	**£50.00**

UK CA CE IP20

OCTO WiZ G95 RGBTW Smart Lamp

Voice Control

- Bluetooth and Wifi enabled smart lamp; no need for Wifi hub
- Commissioned via WiZ App
- Voice activated compatibility; offers hands-free controls, perfect for domestic and commercial properties
- G95 is comparable with 75W incandescent lamp
- RGB and Tunable white for total colour and comfort
- Fully dimmable from 10% to 100%
- E27 and B22 base options available
- Group, scene, holiday and timer settings achieved via WiZ App
- Suitable for indoor applications in dry rooms, professional use in public buildings and outdoor use in specially shielded luminaires
- Lamp lifespan 25,000 hours

Ø95

143

Ø95

143

Lamp Information

Total (Watts)	11W
Lumens Delivered	1055lm
CRI	Ra 90
CCT	2200-6500K (RGB)
Input	220/240V
Hertz	50/60Hz
Operating Temp	-20°C - 45°C

UK CA   CE   IP20

RGBTW

Code	Lamp	Description	Trade
AOCTOW/G95LED/RGBTW/E27	E27	11W - LED RGBTW - E27	£60.00
AOCTOW/G95LED/RGBTW/B22	B22	11W - LED RGBTW - B22	£60.00

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Project - St Helens RFC
St. Helens, UK

OCTO WiZ Venom RGBW Flexible LED Strip Kit

Voice Control

- Bluetooth and Wifi enabled smart flexible LED strip kit; no need for Wifi hub
- Commissioned via WiZ App
- Voice activated compatibility; offers hands-free controls, perfect for domestic and commercial properties
- RGB and Tunable white for total colour and comfort
- Fully dimmable from 10% to 100%
- 2m starter kit with additional 2m extender kit options available (up to 10m maximum total LED strip length)
- Cutting points every 200mm (only if required)
- Group, scene, holiday and timer settings achieved via WiZ App
- Suitable for indoor applications
- LED lifespan 25,000 hours

OCTO

WiZ CONNECTED

RGBTW

Lamp Information

Total (Watts)	30W
Lumens Delivered	2000lm
CRI	Ra 85
CCT	2700-6500K (RGB)
Input Strip Kit	220/240V
Input Extention Kit	24VDC
Operating Temp	-10°C - 45°C

UK CA   CE   IP20

Code		Lamp Description	Trade
AOCTOW/VENOM/KIT/RGBTW	LED	RGBTW Flexible LED Strip Kit 2m	**£180.00**
AOCTOW/VENOM/EXT/RGBTW	LED	RGBTW Flexible LED Strip Extension Kit 2m	**£110.00**

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Prism Pro LED Wiz FRD

Supplied c/w Remote Driver

5YR | 30, 60, 90 | PART C | PART E | PART L

Voice Control

PRISM™ FRD PRO

Tunable White

OCTO

WiZ CONNECTED

Easy wiring access

Matt White Bezel fitted as standard

- 220-240V IP65 dimmable LED WiZ enabled tunable white Fire Rated Downlight
- Supplied with matt white bezel as standard
- Tunable between 2700K - 6000K via Wiz App and voice control
- Remote driver with 2x1.5mm^2 + CPC loop-in, loop-out colour coded push fit piano terminals provide an easy and efficient installation
- Detachable LED driver for fast fix install
- Low profile design and remote driver allow installation into shallow ceiling voids
- Fully tested for 30, 60 and 90 minute ceiling types to meet Part B of Building Regulations
- Fully tested to meet Part C (moisture), Part E (acoustic) and Part L (energy) of Building Regulations
- Wide 60° beam angle for increased light distribution
- LED lifespan L70 60,000 hours

57

55

Ø90   55

28

73

LED Information

Total (Watts)	8W
Lumens Delivered 2700K◄►6000K	
573lm ◄►547lm	
Lm/W 2700K◄►6000K	
82lm ◄► 78lm	
Beam Angle	60°
CRI	Ra 80
CCT	Tunable White
Input	230V
Hertz	50/60Hz
Operating Temp	-5°C to 25°C

	Code	Lamp	Description	Trade
	APRILEDP/OCTOW	LED	8W - Tunable White	£81.00
Trim Bezels	APRILEDPBZ/CH		Chrome Trim Bezel	£3.70
	APRILEDPBZ/SC		Satin Chrome Trim Bezel	£3.70
	APRILEDPBZ/BLK		Matt Black Trim Bezel	£3.70

UKCA CE IP65

OCTO

WiZ
CONNECTED

WiFi and Bluetooth

Two protocols for versatility with a range of accessories and commissioning. Added reliability if one protocol connection is lost the other will allow normal use.

Advance Voice Control

Full voice control with smart speakers and now with Google Assistant and Siri Shortcuts on iOS 12, have full control of your lights by talking to any smartphone.

No Hub Needed

32-bit MCU chip provides smarter automation, as WiZ lighting is directly, constantly and reliably connected to the cloud there is no dependency on a hub or bridge.

Reef LED WiZ Bi-directional Wall Light

Supplied c/w Integral Driver

Voice Control

OCTO

WiZ CONNECTED

Tunable White

- Durable WiZ enabled outdoor bi-directional wall light
- Polycarbonate construction ideal for coastal applications
- Tunable between 2700K - 6500K via Wiz App and voice control
- Unique lockable installation base plate with push fit loop-in loop-out terminals for ease of installation
- LED lifespan L70 54,000 hours

170

Ø85

Unique Click and Lock Mounting Bracket

1. Fix the detachable mounting plate to the wall and terminate the mains cable. Mount the housing onto the fixing place

2. Align the housing onto the mounting plate, twist into place and screw allen key to secure the fixture to the wall

LED Information

Total (Watts)	10W
Lumens Delivered	
2700K◄►6500K	
780lm◄►825lm	
Lm/W	
2700K◄►6500K	
78lm ◄► 82lm	
Beam Angle	90°
CRI	Ra 80
CCT	Tunable White
Input	230V
Hertz	50Hz
Operating Temp -20°C to 40°C	

Code	Lamp	Description	Trade
AREELEDWL/OCTOW	LED	10W - Tunable White	£84.00

UK CA   CE   IP65

Garda LED WiZ
Supplied c/w Integral Driver

Voice Control

3YR

- Dual purpose WiZ enabled garden spotlight supplied with wall mounting bracket and spike
- Create the ambience of your choice with 16 million colours, as well as warm to cool white light
- Polycarbonate construction suitable for coastal areas
- Pre-wired with 2 metres of rubber insulated cable
- LED lifespan L80 54,000 hours

120
Ø90
165
235

RGBTW

OCTO

WiZ CONNECTED

Spike Fixing

Wall Mounting

LED Information

Total (Watts)	6.5W
Lumens Delivered	
2700K◄►6500K	
450lm ◄►500lm	
Lm/W	
2700K◄►6500K	
69lm ◄► 77lm	
CRI	Ra 80
CCT	Tunable White
	RGBTW
Input	220/240V
Hertz	50Hz
Operating Temp	-20°C to 40°C

UKCA CE ☐ IP65

AGARLED/RGBTW/OCTOW
Red

AGARLED/RGBTW/OCTOW
Green

AGARLED/RGBTW/OCTOW
Blue

Code	Lamp	Description	Trade
AGARLED/RGBTW/OCTOW	LED	6.5W LED - RGBTW	**£104.00**

Gamma Mini LED WiZ

Supplied c/w Integral Driver

3YR **ZONE 2**

Voice Control

OCTO

WiZ CONNECTED

AMGAMLED/OCTOW

Chrome Trim Ring Fitted

Tunable White

50mm

Ultra slim profile

- Ultra slim modern WiZ enabled polycarbonate wall/ceiling light
- Matt white finish to body and diffuser
- Rear fixing bracket and terminal housing for ease of installation
- Tunable between 2700K - 6500K via Wiz App and voice control
- Comparable performance to 28W TC-DD
- IP54 rating and suitable for bathroom use
- LED lifespan L70 54,000 hours
- Dimmable via WiZ App

250   50

LED Information

Total (Watts)	10W
Lumens Delivered	
2700K ◄► 6500K	
750lm ◄► 830lm	
Lm/W	
2700K ◄► 6500K	
77lm ◄► 86lm	
CRI	Ra 80
CCT	Tunable White
Input	230V
Hertz	50Hz
Operating Temp	-5°C to 35°C

Code	Lamp	Description	Trade
AMGAMLED/OCTOW	LED	10W - Tunable White	**£84.50**

UK CA CE IP54 IK 09

Gamma LED WiZ

Supplied c/w Integral Driver

Voice Control

- Ultra slim modern WiZ enabled polycarbonate wall/ceiling light
- Matt white finish to body and diffuser
- Rear fixing bracket and terminal housing for ease of installation
- Tunable between 2700K - 6500K via Wiz App and voice control
- Comparable performance to 38W TC-DD
- IP54 rating and suitable for bathroom use
- LED lifespan L70 54,000 hours
- Dimmable via WiZ App

OCTO

WiZ CONNECTED

AGAMLED/OCTOW

Chrome Trim Ring Fitted

296   53

Tunable White

53mm

Ultra slim profile

LED Information

Total (Watts)	18W
Lumens Delivered 2700K ◄► 6500K	1500lm ◄► 1620lm
Lm/W 2700K ◄► 6500K	82lm ◄► 90lm
CRI	Ra 80
CCT	Tunable White
Input	230V
Hertz	50Hz
Operating Temp	-5°C to 35°C

UK CA   CE   IP54   IK 09

Code	Lamp	Description	Trade
AGAMLED/OCTOW	LED	18W - Tunable White	**£141.00**

OCTO WiZ Smart Remote Control

3YR

- Multifunctional OCTO WiZ Smart remote control lets you have quick and easy control of your OCTO WiZ lights
- Simple and quick controls; on/off, dimming, night light and choose from four favourite scenes
- Compatible with all other OCTO WiZ devices as part of the OCTO ecosystem
- Range - Up to 15 metres

34

157

WiZ

Code	Description	Trade
AOCTOW/RC	WiZ Smart Remote Control	**£21.85**

UK CA CE ▢ **IP20**

64,000 WHITES

16 million COLOURS

Complete Control

in one click

1 2 3 4

◆ Instant switching between Preset light modes and Preset Dynamic light modes

◆ Night Light Mode

◆ Dim lights up and down

OCTO WiZ Smart PIR Sensor

3YR

- Wifi enabled PIR sensor
- Compatible with all other OCTO WiZ devices as part of the OCTO ecosystem
- Infrared PIR detector and photocell
- Suitable for residential and commercial applications
- Detection range strength:
  1) Strong detection zone i.e. person moving arm or walking towards PIR
  2) Secondary detection zone i.e. person walking perpendicular to PIR
- 1 year battery (on assumption 50 actions per day, battery capacity 2800 mAh)
- Battery powered using 2 x AA batteries (not supplied)

62
62
28

Ceiling Installation

2.8m
0m
3m 2m 1m 0m 1m 2m 3m

Top View

3m
2m
1m
0m
1m
2m
3m
3m 2m 1m 0m 1m 2m 3m
360°

Wall Installation

1.8m
0m
0m 1m 2m 3m

Top View

3m
2m
1m
0m
1m
2m
3m
0m 1m 2m 3m
120°

Code	Description	Trade
AOCTOW/PIR-S	WiZ Smart PIR Sensor	**£36.50**

UK CA   CE   IP20

OCTO WiZ Wireless Smart Plug

- Make any socket Smart with the OCTO WiZ smart plug
- Control your lights and electronic devices from anywhere
- 13A Rated
- Integrated manual on/off button
- Program schedules and timers via WiZ app
- Provides safety, security and energy saving benefits
- Voice control with Alexa, Google Assistant and Siri Shortcuts

55

55

29

Code	Description	Trade
AOCTOW/SP	WiZ Smart Plug	**£25.00**

UK CA   CE   IP20

OCTO Casambi
Key Features...

OCTO
CAS▲MBI
Enabled

- Easy to use, wireless controllable lighting system

- Intuitive operation and set-up via a smart device

- No need for an external gateway device

- Automatically forms a fast-wireless mesh network

- Nearby OCTO powered by Casambi devices are clearly seen and added.

- Device firmware can be updated over the air

- Cloud services enhances user experience

- Smart lighting control switches can be easily added to the OCTO powered by Casambi system

- OCTO App is compatible with some key dimming and colour control commands for the Philips Hue system

** OCTO Casambi is not compatible with any OCTO WiZ products**

OCTO Smart Lamp

- Bluetooth enabled smart lamp
- Commissioned via OCTO App
- Compatible with all other bluetooth OCTO Casambi devices as part of the OCTO ecosystem
- CCT control from 2200K to 6900K
- Fully dimmable from 1% to 100%
- Comparable output to a 60W Tungsten Halogen
- Group and scene settings achieved via OCTO App
- Suitable for indoor applications in dry rooms, professional use in public buildings and outdoor use in specially shielded luminaires
- LED lifespan L70 25,000 hours

OCTO

CASAMBI
Enabled

Ø60

108

Lamp Information

Total (Watts)	8W
Lumens Delivered	560lm
Beam Angle	150°
CRI	Ra 95
CCT	2200-6900K
Input	220/240V
Hertz	50/60Hz

UK CA CE IP20

Code	Lamp	Description	Trade
AOCTOBTL/8W/E27	E27	8W - 2200K-6900K	**£88.50**
Accessory AOCTOBTL/ADAPTOR/B22		E27 to B22 Adaptor	**£4.50**

OCTO Indoor Controller

5YR

OCTO™

- Push-fit loop-in, loop-out terminals for ease and speed of installation
- Screw-less design
- Compatible with all other bluetooth OCTO Casambi devices as part of the OCTO ecosystem
- Intuitive fast operation from a smart lighting App
- Future proofed free software and firmware updates
- Can be used to control a group, sub groups or individual luminaires
- Settings easily commissioned by a smart device
- App commissioning includes full control, dimming, scene setting and pre-set timer
- Bluetooth wireless mesh ensures reliable and fast operation. Range between devices:15m internal, 30m external**

NB
The indoor and outdoor OCTO Controllers are designed to operate Triac dimmable LED luminaires and LED light sources, however consideration must be given to PFC (Power Factor Correction) which can affect the final loading.
Please refer to instructions for further details.

Wiring Configuration

Installation Method

Powered by
CASAMBI

Code	Description	Trade
AOCTO/IC/50	150W - Smart Controller	**£156.00**
AOCTO/IC/200	200W - Smart Controller	**£202.00**

Output	150W
	200W
Input	220V-240V
Hertz	50/60Hz

UK CA CE IP20

1

* Circuit 1 - OCTO indoor controller

● Allows full control of all fittings connected to the network

● Scene setting to create a fitting atmosphere

● Holiday mode settings

● Compatible with indoor wireless smart switch

● Easy installation / retrofit ready

2

1

* Circuit 2 - OCTO indoor controller

● Turn on/off, dim or *adjustable colour temperature

● Timer functionality with built in sunrise and sunset app setting

● Control from anywhere depending on Wi-Fi connection

*Colour temperature may only be adjusted with compatible Smart Lamps/Luminaires

1 Circuit = 1 Controller

OCTO Indoor CCT/RGBW Controller

5YR

OCTO

- 12-24V bluetooth smart controller
- Compatible with Krait, Boa, Adder and Cobra LED strip p228-p237
- Compatible with all other bluetooth OCTO Casambi devices as part of the OCTO ecosystem
- Option to use externally within a waterproof enclosure
- Timed colour alert or changes for different daily events
- Initial start up provides the user with options for RGBW, RGB, Tunable White and single colour
- Shared/common positive output with 4 negatives outputs allow for 4 channel control
- App commissioning includes full control, dimming, scene setting and pre-set timer
- Settings easily commissioned by a smart device via the OCTO app
- Bluetooth wireless mesh ensures reliable and fast operation. Range between devices: 15m internal, 30m external**
- 12-24V constant voltage LED driver:
  - AD30W/12V
  - AD75W/12V
  - ADK15W/24V
  - ADK60W/24V
  - ADK120W/24V

Powered by
CASAMBI

Wiring Configuration for
RGB

Wiring Configuration for
1-4 Separate white channels

12-24VDC
Power supply

12-24VDC
Power supply

Code	Description	Trade
AOCTO/RGBW/BTC	12-24V Single CCT/RGBW Controller	**£222.00**

30

73

3.5

OUTPUT 12-24 VDC
Max. 6 A total

OCTO

INPUT 12-24 VDC

Max. Wattage	72W - 12V
	144W - 24V
Output	6A Max.
Input	12-24VDC

UK CA CE IP20

1

1

1

1

9:41

Close   Edit

Dimmer   100.0 %

Colour temperature   6700 K

Colour   180

Colour saturation   0.0 %

* Circuit 1 - OCTO indoor RGBW controller

◆ Scene setting to create a fitting atmosphere

◆ Compatible with all other bluetooth OCTO

  devices

◆ Easy installation / retrofit ready

◆ Full RGBW colour palette via app

◆ Wireless colour synchronisation

1 Circuit = 1 Controller

9:41

Group   Gallery   Edit

Luminaires   Gallery   Scenes   More

*Circuit 1 - OCTO Outdoor controller

- Control all fittings connected to this circuit
- Fast-wireless mesh network
- Security mode with pre-set timers
- IP65 bluetooth PIR sensor
- Scene setting to create an atmosphere to suit the occasion
- Dimmable 1% - 100%
- Compatible with the outdoor wireless smart switch

1 Circuit = 1 Controller

** Range is dependent on surroundings and obstacles, such as walls and building materials. **

- Control outdoor lighting from smart device
- Heavy duty screw connections suitable for SWA / outdoor cable types
- Compatible with all other bluetooth OCTO Casambi devices as part of the OCTO ecosystem
- Detachable connector block to aid connection of stronger cable types
- Waterproof with IP66 rating
- Robust polycarbonate casings for outdoor use. UV stabilised
- Intuitive fast operation from a smart app
- Can be used to control a group, sub groups or individual luminaires
- App commissioning includes full control, dimming, scene setting and pre-set timer
- Bluetooth wireless mesh ensures reliable and fast operation. Range between devices: 15m internal, 30m external**

NB

The indoor and outdoor OCTO Controllers are designed to operate Triac dimmable LED luminaires and LED light sources, however consideration must be given to PFC (Power Factor Correction) which can affect the final loading. Please refer to instructions for further details.

Powered by
CASAMBI

Output	200W
Input	220V-240V
Hertz	50/60Hz

OCTO Outdoor Controller

OCTO

Wiring Configuration

Code	Description	Trade
AOCTO/OC/IP65/200	200W	**£236.00**

OCTO Indoor Wireless Architectural Smart Switch

5YR

AOCTO/WS/W

AOCTO/WS/M

AOCTO/WS/B

OCTO

- Double rocker wireless wall switch
- High grade technopolymer construction available in 3 finishes:- white, metallic and black
- Electro-dynamic energy generator, maintenance free
- Compatible with all other bluetooth OCTO Casambi devices as part of the OCTO ecosystem
- Range - within one room up to 10 metres line of sight
- Double-sided mounting film enclosed screwing onto a flat surface
- Double rocker with medial position, pressed/released

CASAMBI
Enabled

90   9

90

Code	Description	Trade
AOCTO/WS/W	Indoor Wireless Switch - White	**£205.00**
AOCTO/WS/M	Indoor Wireless Switch - Metallic	**£205.00**
AOCTO/WS/B	Indoor Wireless Switch - Black	**£205.00**

UK CA   CE   IP20

OCTO Indoor Wireless Smart Switch

- Double rocker wireless wall switch
- Electro-dynamic energy generator, maintenance free
- Compatible with all other bluetooth OCTO Casambi devices as part of the OCTO ecosystem
- Range - within one room up to 10 metres line of sight
- Double-sided mounting film enclosed screwing onto a flat surface
- Double rocker with medial position, pressed/released

CASAMBI Enabled

OCTO

81.5 · 14 · 81.5

AOCTO/BT/WS

UK CA CE IP20

Code	Description	Trade
AOCTO/BT/WS	Indoor Wireless Switch	**£134.00**

OCTO Indoor Wireless Xpress Smart Switch

5YR

AOCTO/XP/WS/B

AOCTO/XP/WS/W

- Multifunctional 4 way bluetooth enabled smart switch
- Settings easily commissioned by a smart device via the OCTO app
- Compatible with all other bluetooth OCTO Casambi devices as part of the OCTO ecosystem
- Integrated magnets ensure easy attachment to mounting bracket (mounting bracket supplied with switch)
- Range - within one room up to 30 metres line of sight

Corner illumination indicates which preset button is active

CASAMBI
Enabled

4 Corner Preset Buttons
Used to control a group, sub groups or individual luminaires, recall scenes and recall animations

Dimming Buttons
Multi-gesture up and down dimming buttons allow user complete control over light levels

Multipurpose Buttons
Additional multipurpose buttons allow user to alter the colour temperature or the indirect/direct light ratio (on applicable fittings only)

Code	Description	Trade
AOCTO/XP/WS/W	Indoor Wireless Switch - White	**£321.00**
AOCTO/XP/WS/B	Indoor Wireless Switch - Black	**£321.00**

UK CA CE IP20

OCTO IP65 Wireless Smart Switch

- Wireless soft outdoor remote control
- Compatible with all other bluetooth OCTO Casambi devices as part of the OCTO eco-system
- Magneto-resistive power source
- Spill and shock resistant
- Advantages of a wireless system, no batteries required maintenance free
- Integrated magnet allows it to be stuck on any metallic area
- Range - 30 metres

CASAMBI
Enabled

OCTO

56   21

56

Code	Description	Trade
AOCTO/BT/WS/IP65	Outdoor Wireless Switch	**£86.50**

OCTO Wireless Push to Make Switch Interface

5YR

- Bluetooth enabled smart 4 channel push to make switch interface
- Unit retrofits into existing push switch, making it smart enabled
- Compatible with all other bluetooth OCTO Casambi devices as part of the OCTO ecosystem
- Slim 15mm profile suitable for installation into 35mm recessed pattress
- Pre-wired ensuring a fast and easy installation into pre-existing wall switch
- Compact housing allows installation into pre-existing wall box so no additional work is required
- 3V lithium battery operated negating the requirement for mains wiring
- Can be used to control a group, sub groups or individual luminaires on a 1-4 button push switch
- Settings easily commissioned by a smart device via the OCTO app

Common: Red

Push button 1

Push button 2

Push button 3

Push button 4

Connection Diagram

Wires connected to the external push buttons. We suggest to keep the wires long enough, so battery replacement is possible without disconnecting the push buttons

CASAMBI
Enabled

38 15

38

100mm pre-wired cable included

Battery Replacement

When battery indicator is showing a low level, a new battery will be needed. (Battery is available as spare part).

- Remove the cover (1) from the box (2).
- Pull out the PCB (3) slowly until the battery (4) can be removed.
- Replace battery and assure it is locked before sliding the PCB back in and putting the lit cover on.

Code	Description	Trade
AOCTO/SR	4 Channel Push to Make Switch Interface	**£231.00**

UKCA CE IP20

Controller to Lighting Setup
Connect OCTO indoor/outdoor
controller to current lighting setup

Controller to Lighting Setup
Connect OCTO indoor/outdoor
controller to current lighting setup

Consumer Unit to Controller
Connect live cable from consumer
unit to OCTO indoor/outdoor
controller

Turn your switches into

Smart Switches

The 4 channel push to make switch interface retrofits into existing push switches, making them smart enabled (up to 4 gang push to make switches only). See above how the interface will integrate into your current switch setup.

OCTO Smart PIR Sensors

5YR

- Bluetooth enabled PIR sensors
- Compatible with all other bluetooth OCTO Casambi devices as part of the OCTO ecosystem
- Infrared PIR dectector and photocell
- Suitable for residential and commercial applications
- Loop-in, loop-out internal connections for ease of installation
- Detection range strength:
  1) Strong detection zone i.e. person moving arm or walking towards PIR
  2) Secondary detection zone i.e. person walking perpendicular to PIR

Indoor Surface PIR Sensor
AOCTO/BT/PIR-S

Indoor Recessed PIR Sensor
AOCTO/BT/PIR-R

up to 5m
up to 7m

For optimum coverage recommended mounting height: 2.4m to 5m

CASAMBI
Enabled

91
54
AOCTO/BT/PIR-S

85
88
73-75
AOCTO/BT/PIR-R

Code	Description	Trade
AOCTO/BT/PIR-R	Smart Recessed PIR Sensor - White	**£212.00**
AOCTO/BT/PIR-S	Smart Surface PIR Sensor - White	**£266.00**

Input	230V
Hertz	50Hz

UK CA CE IP20

OCTO IP65 Smart PIR Sensor

- Bluetooth enabled PIR sensors
- Compatible with all other bluetooth OCTO Casambi devices as part of the OCTO ecosystem
- Suitable for residential and commercial applications
- Infrared PIR dectector and photocell
- Detection range strength:
  1) Strong detection zone(5m) i.e. person walking towards PIR
  2) Secondary detection zone (10m, 8m) i.e. person walking perpendicular to PIR

For optimum coverage recommended mounting height: 1m to 2.2m

CASAMBI
Enabled

60	37	
75		
	20mm threaded entry spout	24

Input	230V
Hertz	50Hz

UK CA CE IP65

Code	Description	Trade
AOCTO/BT/PIR/IP65-S	Smart IP65 Surface PIR Sensor	**£293.00**

OCTO IP66 Smart High Bay Racking Aisle PIR Sensor

5YR

- Bluetooth enabled PIR sensor
- Compatible with all other bluetooth OCTO Casambi devices as part of the OCTO ecosystem
- Infrared PIR dectector and photocell
- Suitable for industrial high bay racking aisle applications with high mounting points (up to 20 metres)
- Fast and easy commissioning via the Casambi app

110

110

73

CASAMBI
Enabled

Mounting height up to 20m
Perspective view - ceiling mounted

Up to 5m diameter

Code	Description	Trade
AOCTO/BT/PIR/IP66/HBSP	Smart IP66 High Bay PIR Sensor - Racking Aisle	**£346.00**

Input	220-240V
Hertz	50Hz
Operating temp	-20°C - 40°C

UK CA CE □ IP66

OCTO IP66 Smart High Bay Open Area PIR Sensor

- Bluetooth enabled PIR sensor
- Compatible with all other bluetooth OCTO Casambi devices as part of the OCTO ecosystem
- Infrared PIR dectector and photocell
- Suitable for industrial high bay open area applications with high mounting points (up to 14 metres)
- Fast and easy commissioning via the Casambi app

110

73

110

CASAMBI
Enabled

Mounting height
up to 14m
Perspective view -
ceiling mounted

Up to 28m
diameter

Input	220-240V
Hertz	50Hz
Operating temp	-20°C - 40°C

UK CA CE IP66

Code	Description	Trade
AOCTO/BT/PIR/IP66/HBWD	Smart IP66 High Bay PIR Sensor - Open Area	£346.00

OCTO *Ready Products*

OCTO is an advanced lighting control solution based on Bluetooth Low Energy (BLE). OCTO devices are smart on their own. All the intelligence is replicated in each device, forming a secure, responsive wireless mesh network.

/OCTO	OCTO Smart Control

90-92	94-102	104-106	108-113	115-117	118
Unity GC Pro LED **/OCTO Options**	Unity LED Downlight Range **/OCTO Options**	Unity LED Square Downlight Range **/OCTO Options**	Unity LED Wallwash Range **/OCTO Options**	Recessed Adjustable LED Downlight Range **/OCTO Options**	Galaxy LED **/OCTO Options**

120-125	126-127	139	304	450	456-458
Comfort LED Range **/OCTO Options**	Vantage LED SMD Downlight **/OCTO Options**	Surface LED Downlight Range **/OCTO Options**	Mercury CCT LED **/OCTO Options**	ForceLINE LED **/OCTO Options**	LED Non-Corrosive **/OCTO Options**

466	467	495	499	501-513	518
Airbeam LED Batten **/OCTO Options**	Topline 6 LED Batten **/OCTO Options**	Oxford LED Surface Linear **/OCTO Options**	Spektrum LED CCT Frame **/OCTO Options**	LED Recessed Panel **/OCTO Options**	Lota LED CCT Troffer **/OCTO Options**

520	523	525	527
Neptune LED CCT Troffer **/OCTO Options**	Juno LED Indirect **/OCTO Options**	Venus LED Indirect **/OCTO Options**	Pluto LED **/OCTO Options**

OCTO Integrated

All listed products above come complete with LED drivers that have OCTO embedded into the circuit of the driver with control via our BLE system. This allows each luminaire to have individual or collective control via any given trigger such as switches, PIR's or scene settings that are within the same mesh network. Ideal for any given commercial / industrial application that requires wireless control and opens up the vast options and functionality available through the OCTO smart system.

/OCTO - *Benefits*

Benefits for Specifier

- Simple configuration
- Define luminaire properties
- Allocate luminaire properties wirelessly

Specifier

Benefits for Installer

- Commission, programme and control luminaires intuitively via the OCTO App
- Locate and assign luminaires wirelessly with ease
- Adapt the system quickly
- Quicker retrofit and new installation

**OCTO Guru/Master
(Commissioning)**

Benefits for End User

- Simple updates
- Reduce power consumption
- Ensure multi-functional use for rooms
- Individual wireless light adjustments
- Individual operation for luminaires
- Simple graphic luminaire selection
- Intuitively adjust the light shade and intensity

Display

Project
Ole Sereni Hotel
- Nairobi, Kenya

Unity 80 LED
Downlight - p94

Unity 150 LED
Downlight - p100

Display

190

Three Circuit
Track and Surface

207

Pendants

212

Wall Lights

218

LED Drivers
and Transformers

224

LED Flexible and
Rigid Strips

244

LED Linklights and
Cabinet Fittings

248

Bathroom Fixtures

Designed to
Deliver...

orbio360 ®

reddot award
winner lighting design

electrical wholesaler
ew awards WINNER 2015

Low Ceiling Voids?
180° flip feature allows for
ceiling void installations as low as
65mm

Ceiling Joist Obstruction?
280° housing rotation
allows for easy installation

Part B
Test Nos.
30 Minutes Chilt/A/12229
60 Minutes Chilt/A/12230
90 Minutes Chilt/A/12231

Part C
Report Reference No.
BRE/296458

Part C
Air Tightness

Part E
Report Reference No.
BRE/296459

Part E
Passage of Sound - Acoustics

Performance
Downlights

Performance downlights are ideal for open areas and larger rooms such as living areas in a home, school or college communal areas as well as commercial premises, where the required lux levels need to be achieved using the fewest number of luminaries possible. Performance downlights produce a high level of light and can be used in areas where low glare and viewing comfort is not a requirement.

Galaxy LED

Application example:
Large commercial offices

Comfort LED

Application example:
Large commercial offices

Vantage LED SMD

Application example:
Commercial offices

Anzo MultiLED

Application example:
Small commercial offices

Freska LED

Application example:
Reception area

Prism Pro FRD

Application example:
Residential

Prism LED FRD
Lodi LED

Application example:
Residential

Specification / Application

Architectual
Downlights

Architectural downlights are predominantly used in areas where glare control and viewing comfort is a high priority, such as in classrooms, in offices above workers desks and in retail applications. A more comfortable light can be achieved by using more glare control luminaries in a space to achieve a better quality and more comfortable light to work in.

Specification / Application

Unity LED Downlight, Unity LED Square
Unity LED Wallwash

Application example:
Car showrooms

Unity LED Square
Unity LED Rec

Application example:
Retail shops

Unity GC Pro

Application example:
Hotel reception

Unity GC

Application example:
Hotel rooms/lounge

Prism Pro Anti-glare

Application example:
Residential

Are you looking for a fire rated downlight that complies with any ceiling type?

Our industry-leading downlights have passed relevant testing to ensure full compliance in all ceiling types, Solid Timber, I-joist and Metal Web. Our products also meet these regulations:

30, 60, 90
Part B Fire Safety

PART C
Part C Moisture Protection

PART E
Part E Acoustic Resistance

PART L
Part L Energy Efficiency

Product Range:		Orbio360	iCAGE Intelligent Fire Rated Technology	EDGE QUAD/PRO	PRISM PRO	PRISM FRD PRO
Solid Timber	30 min	WF408531	WF408531	WF408531	WF408531	WF414859
	60 min	WF408527	WF408527	WF408527	WF408527	WF414858
	90 min	WF408530	WF408530	WF408530	WF408530	WF414870
I-Joist	30 min	WF408531	WF408531	WF416981	WF408531	WF416981
	60 min	WF408527	WF408527	WF416977	WF408527	WF416977
	90 min			WF419718		WF419718
Metal Web	30 min			WF416978		WF416978
	60 min			WF416978		WF416978

Solid Timber

The Solid Timber joist is the traditional ceiling joist used and typically is only found in domestic dwellings already constructed. They are widely used within internal floor and separating constructions for both residential and commercial applications.

Specification

30 minute construction	60 minute construction	90 minute construction
600mm Joist Centres	600mm Joist Centres	450mm Joist Centres
220mm x 63mm	220mm x 63mm	220mm x 63mm
15mm Type A Wallboard Plasterboard	2 x 15mm Type F Fireline Plasterboard	2 x 15mm Type F Fireline Plasterboard

I-Joist

I-Joists are used on new builds throughout the UK and is a lightweight joist designed for domestic applications. I-Joist now dominate the housebuilding market and continue to grow in popularity as they have a greater strength to weight ratio compared other options.

Specification

30 minute construction	60 minute construction	90 minute construction
600mm Joist Centres	600mm Joist Centres	450mm Joist Centres
220mm x 63mm – 9mm OSB/3 'web'	220mm x 63mm – 9mm OSB/3 'web'	220mm x 63mm – 9mm OSB/3 'web'
15mm Type A Wallboard Plasterboard	2 x 15mm Type F Fireline Plasterboard	2 x 15mm Type F Fireline Plasterboard

Metal Web / Open Web / Posi Joist

Metal Web or Posi Joist as it is sometimes called, is a new joist type used in the UK. Posi Joist combines the lightness of timber with the strength of the Posi Strut steel web allowing you to span far greater distances. This joist type can be used across a wide range of applications for both floor and roof in domestic, industrial and commercial applications.

Specification

30 minute construction	60 minute construction
600mm Joist Centres	600mm Joist Centres
PS9 (225mmx 0.9mm)+ TR26 (47x72mm timber)	PS10 (253mm x 0.9mm)+ TR26 (47x72mm timber)
15mm Type A Wallboard Plasterboard	2 x 15mm Type F Fireline Plasterboard

Orbio 360 LED Downlight

AC LED (No Driver Required)

7YR* **AC LED** **30, 60, 90** **PART C** **PART E** **PART L**

- AC230V IP65 dimmable LED fire rated downlight for domestic and commercial applications
- Supplied with matt white bezel as standard
- Innovative flexible installation features
- Fully tested for 30,60 and 90 minute ceiling types to meet Part B of Building Regulations
- Protective polycarbonate spring clip covers for ceiling protection and ease of installation
- Up to 92 Lumens per watt exceeds the requirement of Part L and Part L2 of Building Regulations
- LED lifespan L70 50,000 hours

* 7 Year Warranty applies to fittings registered online (5 Year Warranty for unregistered fittings)

195

95

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95mm Overall Height with top housing attached to main body

76

Matt White Bezel fitted as standard

LED Information

Total (Watts)	8W
Lumens Delivered	
Cool White	737lm
Warm White	654lm
Lm/W Cool White	92lm
Lm/W Warm White	82lm
Beam Angle	60°
CRI	Ra 80
CCT	4000K
	3000K
Input	230V
Hertz	50/60Hz
Operating Temp -40°C to 45°C	

Code	Lamp	Description	Trade
AORBLED/CW	LED	8W - Cool White	£49.75
AORBLED/WW	LED	8W - Warm White	£49.75

UK CA CE IP65

- Bespoke dimmer suitable for use with Orbio360 and Prism FRD products only
- Suitable for controlling from 1 to 20 Orbio360 fittings
- Dimming range 12% to 100% light output
- Can be installed onto most standard style dimmer plates
- Suitable for installation with MK grid system - adaptor plate and control knob included
- Suitable for installation into 25mm metal box or surface pattress

AORBLED/DIMMER

ALEDCP
(Matt White, Chrome and Satin Chrome)

AORBLEDBZ/BR   AORBLEDBZ/CH   AORBLEDBZ/SC   AORBLEDBZ/AB   AORBLEDBZ/BLC

AORBLEDBZSQ/MW   AORBLEDBZSQ/CH   AORBLEDBZSQ/AB

AORBLEDBZSQ/BR   AORBLEDBZSQ/SC   AORBLEDBZSQ/BLC

- Optional removeable twist-on, twist-off aluminium die-cast bezels with five different finishes

- Ansell Converter Plate allows retrofit application in ceilings with cutout between 76mm and 140mm diameter

Code	Description	Trade
AORBLED/DIMMER	2 Way Push/Push	**£19.50**
AORBLEDBZ/BR	Brass Trim Bezel	**£4.15**
AORBLEDBZ/CH	Chrome Gloss Trim Bezel	**£4.15**
AORBLEDBZ/SC	Satin Chrome Trim Bezel	**£4.15**
AORBLEDBZ/AB	Antique Brass Trim Bezel	**£4.35**
AORBLEDBZ/BLC	Black Chrome Trim Bezel	**£4.35**
AORBLEDBZ/SQ/MW	Matt White Square Trim Bezel	**£5.25**
AORBLEDBZ/SQ/BR	Brass Square Trim Bezel	**£5.80**
AORBLEDBZ/SQ/CH	Chrome Gloss Square Trim Bezel	**£5.80**
AORBLEDBZ/SQ/SC	Satin Chrome Square Trim Bezel	**£5.80**
AORBLEDBZ/SQ/AB	Antique Brass Square Trim Bezel	**£5.95**
AORBLEDBZ/SQ/BLC	Black Chrome Square Trim Bezel	**£5.95**
ALEDCP/MW	Matt White Converter Kit	**£13.25**
ALEDCP/CH	Chrome Converter Kit	**£16.65**
ALEDCP/SC	Satin Chrome Converter Kit	**£16.65**
ACFLP/3	LED Emergency Lighting Pack	**£120.00**

Prism Pro LED WiZ Fire Rated Downlight
Supplied c/w Remote Driver

5YR | **30, 60, 90** | **PART C** | **PART E** | **PART L**

OCTO

WiZ CONNECTED

Matt White Bezel fitted as standard

Easy wiring access

Chrome Trim Bezel Accessory

Satin Chrome Trim Bezel Accessory

Matt Black Trim Bezel Accessory

	Code	Lamp	Description	Trade
	APRILEDP/OCTOW	LED	8W - Tunable White	£81.00
Trim Bezels	APRILEDPBZ/CH		Chrome Trim Bezel	£3.70
	APRILEDPBZ/SC		Satin Chrome Trim Bezel	£3.70
	APRILEDPBZ/BLK		Matt Black Trim Bezel	£3.70

Performance Downlight

- 220-240V IP65 dimmable LED WiZ enabled tunable white fire rated performance downlight
- Supplied with matt white bezel as standard
- Tunable between 2700K - 6000K via Wiz App and voice control
- Remote driver with 2x1.5mm² + CPC loop-in, loop-out colour coded push fit piano terminals provide an easy and efficient installation
- Detachable LED driver for fast fix install
- Low profile design and remote driver allows installation into shallow ceiling voids
- Fully tested for 30, 60 and 90 minute ceiling types to meet Part B of Building Regulations
- Fully tested to meet Part C (moisture), Part E (acoustic) and Part L (energy) of Building Regulations
- Wide 60° beam angle for increased light distribution
- LED lifespan L70 60,000 hours

LED Information

Total (Watts)	8W
Lumens Delivered	
2700K ◄►6000K	
573lm ◄►547lm	
Lm/W	
2700K ◄►6000K	
82lm ◄► 78lm	
Beam Angle	60°
CRI	Ra 80
CCT	Tunable White
Input	230V
Hertz	50/60Hz
Operating Temp	-5°C to 25°C

UKCA CE ⏚ IP65

OCTO

WiZ
CONNECTED

WiFi and Bluetooth

Two protocols for versatility with a range of accessories and commissioning. Added reliability if one protocol connection is lost the other will allow normal use.

Advance Voice Control

Full voice control with smart speakers and now with Google Assistant and Siri Shortcuts on iOS 12, have full control of your lights by talking to any smartphone.

No Hub Needed

32-bit MCU chip provides smarter automation, as WiZ lighting is directly, constantly and reliably connected to the cloud there is no dependency on a hub or bridge.

Prism Pro LED Fire Rated Downlight

Supplied c/w Remote Driver

| 5YR | 30, 60, 90 | PART C | PART E | PART L | | |

Matt White Bezel fitted as standard

Easy wiring access

Chrome Trim Bezel Accessory

Satin Chrome Trim Bezel Accessory

Matt Black Trim Bezel Accessory

	Code	Lamp	Description	Trade
	APRILEDP/CW	LED	6W - Cool White	**£36.05**
	APRILEDP/WW	LED	6W - Warm White	**£36.05**
Trim Bezels	**APRILEDPBZ/CH**		Chrome Trim Bezel	**£3.70**
	APRILEDPBZ/SC		Satin Chrome Trim Bezel	**£3.70**
	APRILEDPBZ/BLK		Matt Black Trim Bezel	**£3.70**
Accessory	**ACFLP/3**		LED Emergency Lighting Pack	**£120.00**

Performance Downlight

- 220-240V IP65 dimmable LED fire rated performance downlight
- Remote driver with 2x1.5mm² + CPC loop-in, loop-out colour coded push fit piano terminals provide an easy and efficient installation
- Detachable LED driver for fast fix install
- Low profile design and remote driver allows installation into shallow ceiling voids
- Fully tested for 30, 60 and 90 minute ceiling types to meet Part B of Building Regulations
- Fully tested to meet Part C (moisture), Part E (acoustic) and Part L (energy) of Building Regulations
- Wide 60° beam angle for increased light distribution
- LED lifespan L70 60,000 hours

LED Information

Total (Watts)	6W
Lumens Delivered	
Cool White	577lm
Warm White	532lm
Lm/W Cool White	96lm
Lm/W Warm White	89lm
Beam Angle	60°
CRI	Ra 80
CCT	4000K
	3000K
Input	230V
Hertz	50/60Hz
Operating Temp	-5°C to 25°C

PRISM™ FRD PRO

Ultra shallow fixture height for shallow ceiling void

Steel body housing

Protective covers that aid installation and preserve intended mounting surface

High tensile steel spring clips for variable ceiling thickness

Unique patented intumescent disc

New generation heat sink providing optimal thermal dissipation

High efficiency / long life LED engine

Precision engineered optical lens for enhanced light distribution

IP65 silicon gasket providing Part C & E compliance

Twistlock bezel available in single colour or plated finishes

Prism Pro LED Fire Rated Downlight CCT Pack

Supplied c/w Remote Driver and Bezel Accessories

5YR | **30, 60, 90** | **PART C** | **PART E** | **PART L**

PRISM™ FRD PRO

Selectable **CCT**

- 220-240V IP65 dimmable LED 4 CCT selectable fire rated performance downlight
- Supplied with 4 bezels as standard:- matt white, chrome, satin chrome and matt black
- Remote driver with 2x1.5mm^2 + CPC loop-in, loop-out colour coded push fit piano terminals provide an easy and efficient installation
- Detachable LED driver for fast fix install
- Low profile design and remote driver allows installation into shallow ceiling voids
- Fully tested for 30, 60 and 90 minute ceiling types to meet Part B of Building Regulations
- Fully tested to meet Part C (moisture), Part E (acoustic) and Part L (energy) of Building Regulations
- Wide 60° beam angle for increased light distribution
- LED lifespan L70 60,000 hours

Easy wiring access

Matt White Bezel fitted as standard

Chrome Trim Bezel Accessory

Matt Black Trim Bezel Accessory

Satin Chrome Trim Bezel Accessory

Colour temperature select switch with 4 colour options 2700K, 3000K, 4000K and 6000K

57 | 55 | 120 | Ø90 | 55 | 28 | 73

LED Information

Total (Watts)			7W
Lumens Delivered			
2700K	573lm	4000K	608lm
3000K	589lm	6000K	547lm
Lm/W			
2700K	82lm	4000K	87lm
3000K	84lm	6000K	78lm
Beam Angle			60°
CRI			Ra 80
CCT			
2700K			4000K
3000K			6000K
Input			230V
Hertz			50/60Hz
Operating Temp		-5°C to 25°C	

Code	Lamp	Description	Trade
APRILEDP/CCT	LED	7W - Warm White/ Cool White/ Daylight	**£43.50**
ACFLP/3		LED Emergency Lighting Pack	**£120.00**

UK CA   CE   IP65

Performance Downlight

Prism Pro LED Fire Rated CCT Gimbal
Supplied c/w Remote Driver

PART L | **PART E** | **30, 60, 90** | **5YR**

- 220-240V dimmable LED 4 CCT selectable fire rated gimbal
- 30° tilt angle
- Remote driver with 2x1.5mm^2 + CPC loop-in, loop-out colour coded push fit piano terminals provide an easy and efficient installation
- Detachable LED driver for fast fix install
- Low profile design and remote driver allows installation into shallow ceiling voids
- Fully tested for 30, 60 and 90 minute ceiling types to meet Part B of Building Regulations
- Fully tested to meet Part E (acoustic) and Part L (energy) of Building Regulations
- Wide 60° beam angle for increased light distribution
- LED lifespan L70 60,000 hours

Selectable CCT

Easy wiring access

Colour temperature select switch with 4 colour options 2700K, 3000K, 4000K and 6000K

APRILEDP/G/MW
(2700K - Warm White)

APRILEDP/G/CH
(3000K - Warm White)

APRILEDP/G/SC
(4000K - Cool White)

APRILEDP/G/BLK
(6000K - Daylight)

Dimensions

67 | Ø86 | 55 | 58 | 120 | 28 | 73

LED Information

Total (Watts)	7W

Lumens Delivered			
2700K	620lm	4000K	698lm
3000K	655lm	6000K	659lm

Lm/W			
2700K	89lm	4000K	100lm
3000K	94lm	6000K	94lm

Beam Angle	60°
CRI	Ra 80

CCT	
2700K	4000K
3000K	6000K

Input	230V
Hertz	50/60Hz
Operating Temp	-5°C to 25°C

UKCA CE IP20

Code	Lamp	Description	Trade
APRILEDP/G/MW	LED	7W - Warm White/ Cool White/ Daylight - Matt White	**£51.00**
APRILEDP/G/CH	LED	7W - Warm White/ Cool White/ Daylight - Chrome	**£54.00**
APRILEDP/G/SC	LED	7W - Warm White/ Cool White/ Daylight - Satin Chrome	**£54.00**
APRILEDP/G/BLK	LED	7W - Warm White/ Cool White/ Daylight - Black	**£54.00**
ACFLP/3		LED Emergency Lighting Pack	**£120.00**

Prism Pro LED CCT Anti-Glare FRD

Supplied c/w Remote Driver

5YR | 30, 60, 90 | PART C | PART E | PART L

PRISM™ FRD PRO

Selectable CCT

White Bezel with
black insert fitted as standard

Easy wiring access

Colour temperature select
switch with 4 colour options
2700K, 3000K, 4000K
and 6000K

White Bezel with white insert accessory

Black Bezel with matt black insert accessory

Chrome Bezel with matt black insert accessory

Satin Chrome Bezel with matt black insert
accessory

Architectural Downlight

- 220-240V IP65 LED dimmable CCT fire rated architectural downlight
- Anti-glare design to create visual comfort
- Supplied with matt white bezel as standard. Chrome, satin chrome and matt black bezels sold separately
- Integrated switch allows installer the choice of 2700K, 3000K, 4000K or 6000K colour temperature options
- Remote driver with 2x1.5mm² + CPC loop-in, loop-out colour coded push fit piano terminals provide an easy and efficient installation
- Detachable LED driver for fast fix install
- Low profile design and remote driver allow installation into shallow ceiling voids
- Fully tested to meet Part C (moisture), Part E (acoustic) and Part L (energy) of Building Regulations
- Fully tested to meet Part C (moisture), Part E (acoustic) and Part L (energy efficiency) of Building Regulations
- LED Lifespan L70 60,000 hours

	Code	Lamp	Description	Trade
	APRILEDP/AG/CCT	LED	7W - Warm White/ Cool White/ Daylight	**£55.00**
Bezel	APRILEDPBZ/AG/WW		White Trim Bezel with White Insert	**£6.00**
Inserts	APRILEDPBZ/AG/BB		Matt Black Trim Bezel with Matt Black Insert	**£6.00**
	APRILEDPBZ/AG/CHB		Chrome Trim Bezel with Matt Black Insert	**£6.00**
	APRILEDPBZ/AG/SCB		Satin Chrome Trim Bezel with Matt Black Insert	**£6.00**
Accessory	ACFLP/3		LED Emergency Lighting Pack	**£120.00**

LED Information

Total (Watts)	7W
Lumens Delivered 2700K◄►6000K 460lm ◄►515lm	
Lm/W 2700K◄►6000K 66lm ◄►74lm	
Beam Angle	50°
CRI	Ra 80
CCT	Tunable White
Input	230V
Hertz	50/60Hz
Operating Temp	-5°C to 25°C

UK CA | CE | IP65

VS

Anti-**glare design**

Specifically designed baffle construction with recessed LED module and diffuser provide a steep cut-off angle ensuring maximum glare control and visual comfort.

Traditional **design**

Shallow cut-off angle provides much less glare control and reduced visual comfort

Prism Pro LED Trimless Bezel Kit

Supplied Less Prism Pro

- Trimless bezel kit designed for use with: APRILEDP/OCTOW APRILEDP/CW APRILEDP/WW APRILEDP/CCT
- Steep baffle construction recesses the downlight providing a deep cut-off angle ensuring maximum glare control and visual comfort
- Intelligent 2 part kit design is accessible from underneath the ceiling both during and after installation. The main body can be fixed to the ceiling whilst the internal 'push to release' main cone can be attached afterwards. This allows for quicker and easier installation and product maintenance
- Suitable for residential and commercial applications, providing an architectural and modern appearance
- Pre-drilled screw holes ensure a quick and easy installation
- Wide design allows suitability for retro-fit applications replacing hole cut-outs up to 160mm

Please note: This product comes supplied less downlight

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Code	Lamp	Description	Trade
APRILEDP/TRIM		Prism Pro Trimless Bezel Kit	**£19.00**
Compatible	**APRILEDP/OCTOW**	LED	8W - Tunable White	**£81.00**
with	**APRILEDP/CW**	LED	6W - Cool White	**£36.05**
	APRILEDP/WW	LED	6W - Warm White	**£36.05**
	APRILEDP/CCT	LED	7W - Warm White/ Cool White/ Daylight	**£43.50**

UK CA CE

Prism Pro LED Trimless Bezel Kit

Simple **Installation**

The main body can be easily secured to the ceiling plasterboard, with the multiple holes allowing for flexible installation. The 'push to release' designed main cone ensures the Prism Pro can be accessed from underneath the ceiling both during and after installation.

Reduced Glare **Design**

Steep baffle construction recesses the LED module and diffuser providing a deep cut-off angle ensuring maximum glare control and visual comfort.

Versatile

The Trimless kit can be used with all Prism Pro LED Fire Rated Downlights. This includes our OCTO WiZ enabled downlight, 3000K, 4000K and colour temperature selectable models.

* Not applicable for use with gimbal or non-Prism Pro LED models

Prism LED Fire Rated Downlight

Supplied c/w Integral Driver

5YR | **30, 60, 90** | **PART C** | **PART E** | **PART L**

Easy wiring access

Matt White Bezel fitted as standard

Chrome Trim Bezel Accessory

Satin Chrome Trim Bezel Accessory

	Code	Lamp	Description	Trade
	APRILED/CW	LED	7W - Cool White	**£41.20**
	APRILED/WW	LED	7W - Warm White	**£41.20**
Trim Bezels	**APRILEDBZ/CH**		Chrome Trim Bezel	**£3.95**
	APRILEDBZ/SC		Satin Chrome Trim Bezel	**£3.95**
Accessory	**ACFLP/3**		LED Emergency Lighting Pack	**£120.00**

Performance Downlight

- IP65 LED dimmable fire-rated performance downlight for domestic applications
- Supplied with matt white bezel as standard
- Integral driver with push-fit loop-in, loop-out terminals for ease and speed of installation
- Fully tested for 30, 60 and 90 minute ceiling types to meet Part B of Building Regulations
- Fully tested to meet Part C (moisture) and Part E (acoustic) of Building Regulations
- Wide 60° beam angle for increased light distribution
- LED lifespan L70 60,000 hours

Dimming - for best compatibility the following products are recommended :-

Ansell	AORBLED/DIMMER
Zano	ZGRID500
Varilight	V-PRO

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LED Information

Total (Watts)	7W
Lumens Delivered	
Cool White	715lm
Warm White	712lm
Lm/W Cool White	102lm
Lm/W Warm White	102lm
Beam Angle	60°
CRI	Ra 80
CCT	4000K
	3000K
Input	230V
Hertz	50Hz
Operating Temp	-5°C to 25°C

UKCA CE IP65

PRISM™ FRD

Fast push-fit loop-in, loop-out termination for 2x1.5mm twin and earth cable

Ergonomic moulded terminal housing

Steel body housing

Intumescent fire barrier

Unique heat sink design for optimum heat dissipation

Optimum contact between heatsink and LED for maximum thermal performance

Sturdy spring clips with protective covers

High efficiency LED light engine

Precision engineered reflector for enhanced light distribution

IP65 silicon seal Part C and E compliant

Acoustic cushion

Aluminium die-cast secure screw on bezel with matt white paint finish or plated finishes

Product Certification

Part B
Test Nos.
30 Minutes - Exova WF408531
60 Minutes - Exova WF408527
90 Minutes - Exova WF408530

Part C
P108657-1000

bre
Part C
Air Tightness

Part E
P17011-1000

bre
Part E
Passage of Sound
- Acoustics

bre
Exova

Unity GC Pro LED Adjustable Downlight
Supplied c/w Remote Driver

5YR

Architectural Downlight

- Compact high performance architectural adjustable downlight
- Deep cut-off angle for glare control and comfort
- Die-cast aluminium construction, powder coated and 30° cut-off angle
- Comparable performance to 50W halogen
- 30° tilt angle
- Mirror finished anodized reflector for optimum light control
- Remote driver with plug and play connection
- LED lifespan L70 50,000 hours
- Triac dimmable as standard

Powered by

HEP

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30° tilt angle adjustability

LED Information

Total (Watts)	12W
Lumens Delivered	
Cool White	404lm
Warm White	374lm
Lm/W Cool White	34lm
Lm/W Warm White	31lm
Beam Angle	33°
CRI	Ra 90
CCT	4000K
	3000K
Input	230V
Hertz	50Hz
Operating Temp	-20°C to 50°C

Code	Lamp	Description	Trade
AULEDGCP/CW	LED	12W - Cool White	**£68.00**
AULEDGCP/WW	LED	12W - Warm White	**£68.00**
/OCTO		OCTO Smart Control	**+ £145.00**

UK CA CE ▢ **IP20**

Aluminium heatsink for optimum thermal management to ensure long lifetime cycle

High quality OSRAM LED Light engine

Mirror finished anodized reflector optimises light distribution providing an excellent and uniform output

Anti-glare diffuser provides visual comfort and optimum light distribution

Open housing construction allows constant air flow from heatsink providing optimal thermal performance and maximum LED lifetime

Sturdy spring clips provide tight and lasting position once installed

Protective spring clip covers for ceiling protection and ease of installation

Matt white bezel supplied provides sleek and modern appearance

Unity GC Pro LED Fixed Downlight

Supplied c/w Remote Driver

5YR

- Compact high performance architectural downlight
- Deep cut-off angle for glare control and comfort
- Die-cast aluminium construction, powder coated
- 3W exceeds performance of 12W Halogen
- 8W comparable performance to 35W halogen
- 15W exceeds performance of 50W halogen
- Mirror finished anodized reflector for optimum light control
- Remote driver with plug and play connection
- LED lifespan L70 50,000 hours
- Non-dimmable

Powered by

HEP

AULEDGCP1/CW

AULEDGCP2/CW

AULEDGCP3/CW

Ø48 48 40 AULEDGCP1

Ø65 70 55 AULEDGCP2

Ø78 81 68 AULEDGCP3

Code	Lamp	Description	Trade
AULEDGCP1/CW	LED	3W - Cool White	**£34.40**
AULEDGCP1/WW	LED	3W - Warm White	**£34.40**
AULEDGCP2/CW	LED	8W - Cool White	**£49.35**
AULEDGCP2/WW	LED	8W - Warm White	**£49.35**
AULEDGCP3/CW	LED	15W - Cool White	**£63.50**
AULEDGCP3/WW	LED	15W - Warm White	**£63.50**
/OCTO		OCTO Smart Control	**+ £145.00**
ACFLP/3		LED Emergency Lighting Pack (3W and 8W Only)	**£120.00**

LED Information

	Cool White	Warm White
Total (Watts)	3W	
	8W	
	15W	
Lumens Delivered	121lm	113lm
	262lm	252lm
	629lm	586lm
Lm/W 3W	40lm	38lm
Lm/W 8W	33lm	32lm
Lm/W 15W	42lm	39lm
Beam Angle	36°	
CRI	Ra 90	
CCT	4000K	
	3000K	
Input	230V	
Hertz	50Hz	
Operating Temp	-20°C to 25°C	

UKCA CE IP44

Sturdy spring clips provide tight and lasting position once installed

Aluminium heatsink for optimum thermal management to ensure long lifetime cycle

Protective spring clip covers for ceiling protection and ease of installation

High quality LED light engine

Mirror finished anodized reflector optimises light distribution providing an excellent and uniform output

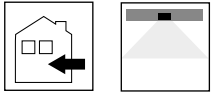Anti-glare diffuser provides visual comfort and optimum light distribution

Specially designed baffle construction with recessed LED module and diffuser provide a steep cut-off angle ensuring maximum glare control and visual comfort

Slim profile matt white bezel provides sleek and modern appearance

Unity 80 LED Downlight
Supplied c/w Remote Driver

5YR   **ZONE 2**

A Architectural Downlight

- Compact high performance architectural downlight
- IP44 rating as standard
- Die-cast aluminium construction, powder coated and 30° cut-off angle
- Exceeds performance of 2 x 18W PLC
- Mirror finished anodized reflector
- Anti-glare design to create visual comfort
- Remote driver with plug and play connection
- LED lifespan L70 50,000 hours
- Dimmable and emergency options

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TRIDONIC
▼ enlightening your ideas

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80

LED Information

Total (Watts)	15W
Lumens Delivered	
Cool White	1161lm
Warm White	1080lm
Lm/W Cool White	77lm
Lm/W Warm White	72lm
Beam Angle	50°
CRI	Ra 90
CCT	4000K
	3000K
Input	230V
Hertz	50/60Hz
Operating Temp	-20°C to 25°C

	Code	Lamp	Description	Trade
	AULED80D	LED	15W - Cool White	**£51.50**
	AULED80D/WW	LED	15W - Warm White	**£51.50**
Options	/M3		Emergency	+ £85.00
	/SM3		Self-Test Emergency	+ £113.00
	/DM3		DALI Emergency	+ £195.00
	/OCTO		OCTO Smart Control	+ £145.00
	/DD		Digital Dimming (DD1/DD2/DD3/DD4)	+ £90.00

UK CA CE □ **IP44**

Project - Private Residential
Abersoch, UK

Unity 80 LED Gimbal
Supplied c/w Remote Driver

5YR

A **Architectural** Downlight

- Compact high performance architectural adjustable downlight
- 30° tilt angle
- Die-cast aluminium construction, powder coated and 30° cut-off angle
- Exceeds performance of 2x18W PLC
- Mirror finish anodized reflector
- Anti glare design to create visual comfort
- Remote driver with plug and play connection
- LED lifespan L70 50,000 hours
- Dimmable and emergency options

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80

LED Information

Total (Watts)	15W
Lumens Delivered	
Cool White	1161lm
Warm White	1080lm
Lm/W Cool White	77lm
Lm/W Warm White	72lm
Beam Angle	50°
CRI	Ra 90
CCT	4000K
	3000K
Input	230V
Hertz	50/60Hz
Operating Temp	-20°C to 25°C

	Code	Lamp	Description	Trade
	AULED80GIM	LED	15W - Cool White	**£56.00**
	AULED80GIM/WW	LED	15W - Warm White	**£56.00**
Options	**/M3**		Emergency	**+ £85.00**
	/SM3		Self-Test Emergency	**+ £113.00**
	/DM3		DALI Emergency	**+ £195.00**
	/OCTO		OCTO Smart Control	**+ £145.00**
	/DD		Digital Dimming (DD1/DD2/DD3/DD4)	**+ £90.00**

UK CA CE IP20

Architectural Downlight

Unity 125 LED Downlight
Supplied c/w Remote Driver

ZONE 2 **5YR**

- Compact high performance architectural downlight
- IP44 rating as standard
- Die-cast aluminium construction, powder coated and 30° cut-off angle
- Performance comparable to 2x26W PLC
- Mirror finished anodized reflector
- Anti-glare design to create visual comfort
- Remote driver with plug and play connection
- LED lifespan L80 60,000 hours
- Dimmable and emergency options

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125

LED Information

Total (Watts)	21W
Lumens Delivered	
Cool White	1521lm
Warm White	1386lm
Lm/W Cool White	72lm
Lm/W Warm White	66lm
Beam Angle	70°
CRI	Ra 90
CCT	4000K
	3000K
Input	230V
Hertz	50/60Hz
Operating Temp	-20°C to 25°C

UK CA CE IP44

	Code	Lamp	Description	Trade
	AULED125D	LED	21W - Cool White	**£66.50**
	AULED125D/WW	LED	21W - Warm White	**£66.50**
Options	/M3		Emergency	+ £85.00
	/SM3		Self-Test Emergency	+ £113.00
	/DM3		DALI Emergency	+ £195.00
	/OCTO		OCTO Smart Control	+ £145.00
	/DD		Digital Dimming (DD1/DD2/DD3/DD4)	+ £90.00

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Project - Ocean BMW Garage
Falmouth, UK

Unity 125 DHP LED Downlight
Supplied c/w Remote Driver

Architectural Downlight

- Compact high performance architectural downlight
- IP44 rating as standard
- Die-cast aluminium construction, powder coated and 30° cut-off angle
- Exceeds performance of 2X32W PL-T
- Mirror finished anodized reflector
- Anti-glare design to create visual comfort
- Remote driver with plug and play connection
- LED lifespan L70 50,000 hours
- Dimmable and emergency options

ZONE 2 **5YR**

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LED Information

Total (Watts)	28W
Lumens Delivered	
Cool White	2400lm
Warm White	2300lm
Lm/W Cool White	85lm
Lm/W Warm White	82lm
Beam Angle	70°
CRI	Ra 90
CCT	4000K
	3000K
Input	230V
Hertz	50/60Hz
Operating Temp	-20°C to 25°C

UK CA CE ☐ **IP44**

	Code	Lamp	Description	Trade
	AULED125DHP	LED	28W - Cool White	**£82.50**
	AULED125DHP/WW	LED	28W - Warm White	**£82.50**
Options	**/M3**		Emergency	**+ £85.00**
	/SM3		Self-Test Emergency	**+ £113.00**
	/DM3		DALI Emergency	**+ £195.00**
	/OCTO		OCTO Smart Control	**+ £145.00**
	/DD		Digital Dimming (DD1/DD2/DD3/DD4)	**+ £90.00**

Unity 150 LED Downlight
Supplied c/w Remote Driver

A Architectural
Downlight

5YR **ZONE 2**

- Compact high performance architectural downlight
- IP44 rating as standard
- Die-cast aluminium construction, powder coated and 30° cut-off angle
- Performance comparable to 2x42W PLC / 70W HQI
- Mirror finished anodized reflector
- Anti-glare design to create visual comfort
- Remote driver with plug and play connection
- LED lifespan L70 50,000 hours
- Dimmable and emergency options

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LED Information

Total (Watts)	37W
Lumens Delivered	
Cool White	3254lm
Warm White	2870lm
Lm/W Cool White	88lm
Lm/W Warm White	78lm
Beam Angle	70°
CRI	Ra 90
CCT	4000K
	3000K
Input	230V
Hertz	50/60Hz
Operating Temp	-20°C to 25°C

	Code	Lamp	Description	Trade
	AULED150D	LED	37W - Cool White	**£91.00**
	AULED150D/WW	LED	37W - Warm White	**£91.00**
Options	/M3		Emergency	+ £85.00
	/SM3		Self-Test Emergency	+ £113.00
	/DM3		DALI Emergency	+ £195.00
	/OCTO		OCTO Smart Control	+ £145.00
	/DD		Digital Dimming (DD1/DD2/DD3/DD4)	+ £90.00

UK CA CE ☐ **IP44**

Project - Ole Sereni Hotel
Nairobi, Kenya

Unity 150 DHP LED Downlight

Supplied c/w Remote Driver

5YR **ZONE 2**

Architectural
Downlight

- Compact high performance architectural downlight
- IP44 rating as standard
- Die-cast aluminium construction, powder coated and 30° cut-off angle
- Exceeds performance of 100W HQI
- Mirror finished anodized reflector
- Anti-glare design to create visual comfort
- Remote driver with plug and play connection
- LED lifespan L70 50,000 hours
- Dimmable and emergency options

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	Code	Lamp	Description	Trade
	AULED150DHP	LED	41W - Cool White	**£101.00**
Options	/M3		Emergency	**+ £85.00**
	/SM3		Self-Test Emergency	**+ £113.00**
	/DM3		DALI Emergency	**+ £195.00**
	/OCTO		OCTO Smart Control	**+ £145.00**
	/DD		Digital Dimming (DD1/DD2/DD3/DD4)	**+ £90.00**

LED Information

Total (Watts)	41W
Lumens Delivered	3900lm
Lm/W	95lm
Beam Angle	70°
CRI	Ra 90
CCT	4000K
Input	230V
Hertz	50/60Hz
Operating Temp	-20°C to 25°C

UK CA   C E   IP44

Project - Sixpad
London, UK

Unity 100 Square LED Downlight

Supplied c/w Remote Driver

5YR **ZONE 2**

Architectural
Downlight

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- Compact high performance architectural downlight
- Circular hole cut-out for ease of installation and alignment
- IP54 rating as standard
- Die-cast aluminium construction, powder coated and 30° cut-off angle
- Exceeds performance of 2x18W PLC
- Mirror finished anodized reflector
- Anti-glare design to create visual comfort
- Remote driver with plug and play connection
- LED lifespan L70 50,000 hours
- Dimmable and emergency options

Circular Cut-out

Circular cut-out for ease of installation

92 | 110 | 110 | 110 | 100

LED Information

Total (Watts)	15W
Lumens Delivered	1327lm
Lm/W	88lm
Beam Angle	57°
CRI	Ra 90
CCT	4000K
Input	230V
Hertz	50/60Hz
Operating Temp	-20°C to 25°C

	Code	Lamp	Description	Trade
	AUSQLED100D/CW	LED	15W - Cool White	**£61.50**
Options	/M3		Emergency	+ £85.00
	/SM3		Self-Test Emergency	+ £113.00
	/DM3		DALI Emergency	+ £195.00
	/OCTO		OCTO Smart Control	+ £145.00
	/DD		Digital Dimming (DD1/DD2/DD3/DD4)	+ £90.00

UKCA CE IP54

Unity 125 Square LED Downlight
Supplied c/w Remote Driver

Architectural Downlight

ZONE 2 | 5YR

- Compact high performance architectural downlight
- Circular hole cut-out for ease of installation and alignment
- IP54 rating as standard
- Die-cast aluminium construction, powder coated and 30° cut-off angle
- Performance comparable to 70W HQI
- Mirror finished anodized reflector
- Anti-glare design to create visual comfort
- Remote driver with plug and play connection
- LED lifespan L70 50,000 hours
- Dimmable and emergency options

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127 | 135 | 135 | 135

125

Circular Cut-out

Circular cut-out for ease of installation

LED Information

Total (Watts)	29W
Lumens Delivered	2639lm
Lm/W	91lm
Beam Angle	70°
CRI	Ra 90
CCT	4000K
Input	230V
Hertz	50/60Hz
Operating Temp	-20°C to 25°C

UK CA | CE | IP54

Code	Lamp	Description	Trade
AUSQLED125D/CW	LED	29W - Cool White	**£76.50**

Options	Code	Description	Trade
	/M3	Emergency	+ £85.00
	/SM3	Self-Test Emergency	+ £113.00
	/DM3	DALI Emergency	+ £195.00
	/OCTO	OCTO Smart Control	+ £145.00
	/DD	Digital Dimming (DD1/DD2/DD3/DD4)	+ £90.00

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Unity 150 Square LED Downlight
Supplied c/w Remote Driver

5YR **ZONE 2**

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Architectural Downlight

- Compact high performance architectural downlight
- Circular hole cut-out for ease of installation and alignment
- IP54 rating as standard
- Die-cast aluminium construction, powder coated and 30° cut-off angle
- Performance comparable to 70W HQI
- Mirror finished anodized reflector
- Anti-glare design to create visual comfort
- Remote driver with plug and play connection
- LED lifespan L70 50,000 hours
- Dimmable and emergency options

Circular Cut-out

Circular cut-out for ease of installation

134 / 160 / 160 / 160 / 150

LED Information

Total (Watts)	41W
Lumens Delivered	3775lm
Lm/W	92lm
Beam Angle	70°
CRI	Ra 90
CCT	4000K
Input	230V
Hertz	50/60Hz
Operating Temp	-20°C to 25°C

UK CA CE □ **IP54**

Code	Lamp	Description	Trade
AUSQLED150DHP/CW	LED	41W - Cool White	**£89.50**

Options			
	/M3	Emergency	+ £85.00
	/SM3	Self-Test Emergency	+ £113.00
	/DM3	DALI Emergency	+ £195.00
	/OCTO	OCTO Smart Control	+ £145.00
	/DD	Digital Dimming (DD1/DD2/DD3/DD4)	+ £90.00

Project - Commercial Development
Golborne, UK

Unity 100 LED Wallwash
Supplied c/w Remote Driver

5YR

Architectural Downlight

- Recessed adjustable architectural wallwash with 355° rotation
- Adjustable tilt angle from -15° to 45°
- 30° cut-off angle in the horizontal position
- Exceeds performance of 100W halogen
- Die-cast aluminium body and heatsink for good thermal management
- Remote driver with plug and play connection
- LED lifespan L70 50,000 hours
- Dimmable options

reddot award
winner lighting design

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88
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100

LED Information

Total (Watts)	15W
Lumens Delivered	
Cool White	1041lm
Warm White	896lm
Lm/W Cool White	74lm
Lm/W Warm White	60lm
Beam Angle	50°
CRI	Ra 90
CCT	4000K
	3000K
Input	230V
Hertz	50/60Hz
Operating Temp	-20°C to 25°C

Angle Variant Options

Flush	Inverted	Directional

	Code	Lamp	Description	Trade
	AULED100WW	LED	15W - Cool White	£63.50
	AULED100WW/WW	LED	15W - Warm White	£63.50
Options	/OCTO		OCTO Smart Control	+ £145.00
	/DD		Digital Dimming (DD1/DD2/DD3/DD4)	+ £90.00

UK CA CE IP20

In-Was

Project - COYSA Bathroom Showroom
Madrid, Spain

Project - Paper Assist
Dublin, Ireland

Unity 150 LED Wallwash
Supplied c/w Remote Driver

Architectural Downlight

5YR

- Recessed adjustable architectural wallwash with 355° rotation
- Adjustable tilt angle from -15° to 45°
- 30° cut-off angle in the horizontal position
- Comparable performance to 70W HQI
- Die-cast aluminium body and heatsink for good thermal management
- Remote driver with plug and play connection
- LED lifespan L70 50,000 hours
- Dimmable options

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winner lighting design

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150

LED Information

Total (Watts)	28W
Lumens Delivered	
Cool White	2699lm
Warm White	2497lm
Lm/W Cool White	93lm
Lm/W Warm White	86lm
Beam Angle	40°
CRI	Ra 90
CCT	4000K
	3000K
Input	230V
Hertz	50/60Hz
Operating Temp	-20°C to 25°C

UK CA CE ▢ **IP20**

Angle Variant Options

Flush	Inverted	Directional

Code	Lamp	Description	Trade
AULED150WW	LED	28W - Cool White	**£84.00**
AULED150WW/WW	LED	28W - Warm White	**£84.00**

Options	/OCTO	OCTO Smart Control	**+ £145.00**
	/DD	Digital Dimming (DD1/DD2/DD3/DD4)	**+ £90.00**

Unity 175 LED Wallwash

Supplied c/w Remote Driver

5YR

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A Architectural Downlight

- Recessed adjustable architectural wallwash with 355° rotation
- Adjustable tilt angle from -15° to 45°
- 30° cut-off angle in the horizontal position
- Comparable performance to 100W HQI
- Die-cast aluminium body and heatsink for good thermal management
- Remote driver with plug and play connection
- LED lifespan L70 50,000 hours
- Dimmable options

165

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175

Angle Variant Options

Flush	Inverted	Directional

LED Information

Total (Watts)	35W
Lumens Delivered	
Cool White	3239lm
Warm White	2887lm
Lm/W Cool White	88lm
Lm/W Warm White	78lm
Beam Angle	40°
CRI	Ra 90
CCT	4000K
	3000K
Input	230V
Hertz	50/60Hz
Operating Temp	-20°C to 25°C

Code	Lamp	Description	Trade
AULED175WW	LED	35W - Cool White	**£99.00**
AULED175WW/WW	LED	35W - Warm White	**£99.00**

Options	/OCTO	OCTO Smart Control	+ £145.00
	/DD	Digital Dimming (DD1/DD2/DD3/DD4)	+ £90.00

UK CA CE ☐ **IP20**

Unity Rectangular LED Wallwash
Supplied c/w Remote Driver

A Architectural
Downlight

- Adjustable rectangular recessed architectural wallwash with 65° tilt angle
- Die-cast aluminium body and heatsink for efficient thermal management
- Exceeds performance of 70W HQI
- Energy saving retrofit replacement for existing HQI fittings
- Remote driver with plug and play connection
- LED lifespan L70 50,000 hours
- Dimmable options

5YR

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145

220
125

LED Information

Total (Watts)	35W
Lumens Delivered	3065lm
Lm/W	85lm
Beam Angle	110°
CRI	Ra 80
CCT	4000K
Input	230V
Hertz	50/60Hz
Operating Temp	-20°C to 25°C

UK CA CE ▢ **IP20**

Code	Lamp	Description	Trade
AULEDRECWW	LED	35W - Cool White	**£139.00**
Options /OCTO		OCTO Smart Control	**+ £145.00**
/DD		Digital Dimming (DD1/DD2/DD3/DD4)	**+ £90.00**

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Project - Commercial Development
Golborne, UK

Unity S and R Retractable LED Downlights
Supplied c/w Remote Driver

Architectural Downlight

- Recessed adjustable architectural downlight
- Retractable head design allows for a range of installation applications
- Full 360° head rotation and 90° tilting capability
- Exceeds performance of 50W AR111 lamp
- Black trim provides excellent glare control
- Steel housing with die-cast aluminium body for excellent thermal management
- Remote driver with plug and play connection
- LED lifespan L70 50,000 hours
- Dimmable options

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5YR

AULED1/SMP

Fully retractable head with 360° rotation and 90° tilting capability

AULED2/RMP

LED Information

Total (Watts)	
Square	14W
Rectangular	2 x 14W
Lumens Delivered	
Square	1020lm
Rectangular	2 x 1020lm
Lm/W	73lm
Beam Angle	45°
CRI	Ra 90
CCT	4000K
Input	230V
Hertz	50Hz/60Hz
Operating Temp	-20°C to 25°C

UK CA CE IP20

	Code	Lamp	Description	Trade
	AULED1/SMP	LED	14W - Cool White	**£66.00**
	AULED2/RMP	LED	2 x 14W - Cool White	**£127.00**
Options	**/OCTO**		OCTO Smart Control	**+ £145.00**
	/DD		Digital Dimming (DD1/DD2/DD3/DD4)	**+ £90.00**

Project - Commercial Development
Golborne, UK

Unity S and R LED Downlights
Supplied c/w Remote Driver

Architectural Downlight

- Recessed adjustable architectural downlight
- Fully adjustable tilt angle 30° on two axis
- Comparable performance to 50W HQI
- Black trim provides excellent glare control
- Steel housing with die-cast aluminium body for good thermal management
- Remote driver with plug and play connection
- LED lifespan L80 60,000 hours
- Dimmable options

175
152
175
AULED1/SQU
160
160

350
175
152
AULED2/REC
325
160

LED Information

Total (Watts)	
Square	37W
Rectangular	2 x 37W

Lumens Delivered	
Square	3239lm
Rectangular	2 x 3239lm
Lm/W	88lm
Beam Angle	40°
CRI	Ra 90
CCT	4000K
Input	230V
Hertz	50/60Hz
Operating Temp	-20°C to 25°C

UK CA CE ☐ IP20

AULED1/SQU

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AULED2/REC

Code	Lamp	Description	Trade
AULED1/SQU	LED	37W - Cool White	£102.00
AULED2/REC	LED	2 x 37W - Cool White	£214.00

Options			
	/OCTO	OCTO Smart Control	+ £145.00
	/DD	Digital Dimming (DD1/DD2/DD3/DD4)	+ £90.00

Galaxy CCT LED Downlight
Supplied c/w Remote Driver

5YR **ZONE 2**

P **Performance** Downlight

AGALED/1/CCT

Selectable CCT

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AGALED/1/CCT
with drop glass attachment installed

- Compact IP65 LED performance downlight which out performs twin 18W and 26W PLC lamp variants
- One product provides both 3000K and 4000K colour temperature options
- Cut-out dimensions suitable to replace most PLC downlights
- Fitting and driver pre-wired with ST18 connectors
- Faceted reflector and optical fresnel lens provides outstanding performance, uniformity and glare control
- Removable twist on, twist off bezel provides option of utilising alternative bezel and drop glass accessories
- Dimmable and Emergency options
- LED lifespan L70 50,000 hours

62.5
226
208

Remote Emergency Box Dimensions
Length 415mm, Width 145mm,
Depth 70mm

Code	Lamp	Description	Trade
AGALED/1/CCT	LED	15W - Cool White / Warm White	**£116.00**
AGALED/2/CCT	LED	20W - Cool White / Warm White	**£156.00**

Options	/M3	Emergency	+ £145.00
	/SM3	Self-Test emergency	+ £173.00
	/DM3	DALI emergency	+ £255.00
	/OCTO	OCTO Smart Control	+ £145.00
	/DD	Digital Dimming (DD1/DD2/DD3/DD4)	+ £90.00

Drop Glass 1		Clear outer ring with frosted centre disc	
	AGPL/DG1/W	c/w Trim Bezel - White	**£17.85**

Drop Glass 3		Frosted glass halo with open centre	
	AGPL/DG3/W	c/w Trim Bezel - White	**£17.85**

LED Information

Total (Watts)	15W	20W
Lumens Delivered		
Cool White	1557lm	2250lm
Warm White	1484lm	2230lm
Lm/W Cool White	103lm	112lm
Lm/W Warm White	98lm	112lm
CRI	Ra 80	
CCT	3000K/4000K	
Input	230V	
Hertz	50/60Hz	
Operating Temp	-20°C to 40°C	

UKCA CE IP65

Project - Sixpad
London, UK

Comfort LED Tunable White Downlight

Supplied c/w Remote Driver

5YR

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Tunable White

Performance Downlight

- Economic high performance IP44 downlight
- Deep cut-off angle for glare control and comfort
- Osram LED technology and enhanced diffuser design for outstanding uniformity
- One product provides complete control of colour temperature selection, ranging between 2700K and 6500K. Colour selection achieved via the Casambi App
- Full dimming control via Casambi App
- Downlight design allows installation into existing hole cut-outs from 200mm to 220mm
- Emergency options available
- Polycarbonate housing with unique thermal management for durability and optimum lifespan
- LED lifespan L70 50,000 hours

100

230

200-220

Code	Lamp	Description	Trade
ACOLED2/TW/OCTO	LED	15W - Tunable White	£282.50
ACOLED3/TW/OCTO	LED	22W - Tunable White	£296.00
ACOLED4/TW/OCTO	LED	30W - Tunable White	£296.00

Options	/M3	Emergency	+ £145.00
	/SM3	Self-Test emergency	+ £173.00
	/DM3	DALI emergency	+ £255.00

LED Information

Total (Watts)	15W
	22W 30W
Lumens Delivered	2700K◄►6500K
15W	1219lm◄►1752lm
22W	1610lm◄►2356lm
30W	1992lm◄►3014lm
Lm/W	2700K◄►6500K
15W	81lm ◄► 117lm
22W	73lm ◄► 107lm
30W	66lm ◄► 100lm
Beam Angle	60°
CRI	Ra 80
CCT	Tunable White
Input	230V
Hertz	50Hz
Operating Temp	-20°C to 25°C

UKCA CE ▢ IP44

Complete...
CCT Control

The Comfort LED Tunable White Downlight can achieve any specific colour temperature between 2700K and 6500K, ensuring suitability for a host of different application requirements. Full tunability of colour temperature controlled via the Casambi app.

OCTO

2700K

4000K

6500K

Project - Paper Assist
Dublin, Ireland

Comfort LED CCT Downlight
Supplied c/w Remote Driver

Performance Downlight

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Selectable CCT

5YR

- Economic high performance IP44 downlight
- Deep cut-off angle for glare control and comfort
- Osram LED technology and enhanced diffuser design for outstanding uniformity
- One product provides both 3000K and 4000K colour temperature options
- Downlight design allows installation into existing hole cut-outs from 200mm to 220mm
- Polycarbonate housing with unique thermal management for durability and optimum lifespan
- LED lifespan L70 50,000 hours
- Dimmable and Emergency options

100
230
200-220

Integral CCT switch allows the installer choice of either 3000K or 4000K colour temperature options

LED Information

	Cool White	Warm White
Total (Watts)	10W, 15W,22W	
Lumens Delivered		
10W	1090lm	980lm
15W	1684lm	1509lm
22W	2241lm	2017lm
Lm/W 10W	109lm	98lm
Lm/W 15W	112lm	101lm
Lm/W 22W	102lm	92lm
Beam Angle	60°	
CRI	Ra 80	
CCT	4000K	
	3000K	
Input	230V	
Hertz	50Hz	
Operating Temp	-20°C to 25°C	

UK CA   CE   IP44

Code	Lamp	Description	Trade
ACOLED0/CCT	LED	10W - Cool White / Warm White	**£84.50**
ACOLED1/CCT	LED	15W - Cool White / Warm White	**£84.50**
ACOLED2/CCT	LED	22W - Cool White / Warm White	**£97.50**

Options	Code	Description	Trade
	/M3	Emergency	**+ £145.00**
	/DM3	DALI Emergency	**+ £255.00**
	/SM3	Self-test Emergency	**+ £173.00**
	/OCTO	OCTO Smart Control	**+ £145.00**
	/DD	Digital Dimming (DD1/DD2/DD3/DD4)	**+ £90.00**

Comfort LED CCT HP Downlight

Supplied c/w Remote Driver

5YR

Selectable CCT

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P **Performance** Downlight

- Economic high performance IP44 downlight
- Deep cut-off angle for glare control and comfort
- Osram LED technology and enhanced diffuser design for outstanding uniformity
- One product provides both 3000K and 4000K colour temperature options
- Downlight design allows installation into existing hole cut-outs from 200mm to 220mm
- Polycarbonate housing with unique thermal management for durability and optimum lifespan
- LED lifespan L70 50,000 hours
- Dimmable and Emergency options

100

230

200-220

Integral CCT switch allows the installer choice of either 3000K or 4000K colour temperature options

	Code	Lamp	Description	Trade
	ACOLED3/CCT	LED	30W - Cool White / Warm White	**£111.00**
Options	**/M3**		Emergency	**+ £145.00**
	/DM3		DALI Emergency	**+ £255.00**
	/SM3		Self-test Emergency	**+ £173.00**
	/OCTO		OCTO Smart Control	**+ £145.00**
	/DD		Digital Dimming (DD1/DD2/DD3/DD4)	**+ £90.00**

LED Information

Total (Watts)	30W
Lumens Delivered	
Cool White	2789lm
Warm White	2514lm
Lm/W Cool White	93lm
Lm/W Warm White	84lm
Beam Angle	60°
CRI	Ra 80
CCT	4000K
	3000K
Input	230V
Hertz	50Hz
Operating Temp	-20°C to 25°C

UK CA CE ☐ **IP44**

Comfort LED Wallwash
Supplied c/w Remote Driver

5YR

Performance Downlight

- Economic high performance IP44 wallwash
- Deep cut-off angle for glare control and comfort
- Osram LED technology and enhanced diffuser design for outstanding uniformity
- Design allows installation into existing hole-cut outs of 200mm
- Polycarbonate housing with unique thermal management for durability and optimum lifespan
- LED lifespan L70 50,000 hours
- Dimmable options

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128

230

200

LED Information

Total (Watts)	17W
Lumens Delivered	
Cool White	1187lm
Warm White	1113lm
Lm/W Cool White	70lm
Lm/W Warm White	66lm
Beam Angle	70°
CRI	Ra 80
CCT	4000K
	3000K
Input	230V
Hertz	50Hz
Operating Temp	-20°C to 25°C

UK CA   CE   ☐   **IP44**

Light Output Distribution

70° Beam Angle

Code	Lamp	Description	Trade
ACOLEDWW/CW	LED	17W - Cool White	**£102.00**
ACOLEDWW/WW	LED	17W - Warm White	**£102.00**

Options	/OCTO	OCTO Smart Control	+ £145.00
	/DD	Digital Dimming (DD1/DD2/DD3/DD4)	+ £90.00

Vantage LED CCT SMD Downlight

Supplied c/w Remote Driver

5YR

Selectable CCT

AVANTLED1

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AVANTLED2

CCT switch allows the installer choice of
3000K 4000K or 6500K colour
temperature options

AVANTLED1

AVANTLED2

Code	Lamp	Description	Trade
AVANTLED1	LED	8.5W - Cool White / Warm White / Daylight	**£40.00**
AVANTLED2	LED	14W - Cool White / Warm White / Daylight	**£50.00**

Options			
	/M3	Emergency	+ £145.00
	/DM3	DALI Emergency	+ £255.00
	/SM3	Self-test Emergency	+ £173.00
	/OCTO	OCTO Smart Control	+ £145.00
	/DD	Digital Dimming (DD1/DD2/DD3/DD4)	+ £90.00

LED Information

Total (Watts)	8.5W	14W
Lumens Delivered		
Cool White	740lm	1400lm
Warm White	840lm	1450lm
Daylight	825lm	1500lm
Lm/W Cool White	107lm	113lm
Lm/W Warm White	100lm	102lm
Lm/W Daylight	90lm	100lm
Beam Angle	75°	
CRI	Ra 80	
CCT	3000K	
	4000K	
	6500K	
Input	230V	
Hertz	50Hz	
Operating Temp	-25°C to 40°C	

UKCA CE ▢ IP20

Performance Downlight

Vantage LED CCT SMD Downlight
Supplied c/w Remote Driver

- Economic polycarbonate circular LED performance downlight
- Deep cut-off angle for glare control and comfort
- One product provides 3000K, 4000K and 6500K colour temperature options
- Downlight design allows installation into existing hole cut-outs from 150mm to 200mm
- 18W exceeds performance of 2x26W PLC
- 27W exceeds performance of 2x42W PLT
- Supplied pre-wired with 400mm of cable
- LED lifespan L80 B10 60,000 hours

Selectable CCT

98
172
150
AVANTLED3

128
230
200
AVANTLED4

AVANTLED3

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AVANTLED4

CCT switch allows the installer choice of 3000K 4000K or 6500K colour temperature options

LED Information

Total (Watts)	20W	28W
Lumens Delivered		
Cool White	2100lm	3150lm
Warm White	1900lm	2900lm
Daylight	2100lm	3050lm
Lm/W Cool White	112lm	121lm
Lm/W Warm White	97lm	106lm
Lm/W Daylight	107lm	112lm
Beam Angle	75°	
CRI	Ra 80	
CCT	3000K	
	4000K	
	6500K	
Input	230V	
Hertz	50Hz	
Operating Temp	-25°C to 40°C	

UK CA CE □ IP20

Code	Lamp	Description	Trade
AVANTLED3	LED	20W - Cool White / Warm White / Daylight	**£65.00**
AVANTLED4	LED	28W - Cool White / Warm White / Daylight	**£85.00**

Options			
	/M3	Emergency	**+ £145.00**
	/DM3	DALI Emergency	**+ £255.00**
	/SM3	Self-test Emergency	**+ £173.00**
	/OCTO	OCTO Smart Control	**+ £145.00**
	/DD	Digital Dimming (DD1/DD2/DD3/DD4)	**+ £90.00**

Freska LED Downlight

Supplied c/w Remote Driver

2YR **ST**

AFRLED230/CW

AFRLED170/CW

AFRLED125/CW

Self-Test Emergency Pack

Ultra-Slim 25mm Profile Depth

Code	Lamp	Description	Trade
AFRLED125/CW	LED	10W - Cool White	£32.35
AFRLED170/CW	LED	13W - Cool White	£39.00
AFRLED230/CW	LED	19W - Cool White	£47.80
AFRLED125/WW	LED	10W - Warm White	£32.35
AFRLED170/WW	LED	13W - Warm White	£39.00
AFRLED230/WW	LED	19W - Warm White	£47.80

Option	AFRLED/M3/ST	Self-Test Emergency Pack	+ £84.50

Accessory	ASBP/12	7.2V 3000mAh Ni-cd Replacement Battery	£25.80

Performance Downlight

- Economic ultra-slim circular LED performance downlight
- Ideal for use in areas with shallow ceiling void
- Only suitable for semi commercial applications
- Remote driver with plug and play connection
- Edge lit providing excellent uniform illumination
- 10W comparable performance to 13W PLC 13W comparable performance to 18W PLC 19W comparable performance to 26W PLC
- LED lifespan L70 30,000 hours
- Non-dimmable

- Optional plug-in self-test emergency pack suitable for all three models

AFRLED/230
Ø240 | 25
228

AFRLED/170
Ø180 | 25
168

AFRLED/125
Ø136 | 25
126

LED Information

Total (Watts)	10W	
	13W	
	19W	
Lumens Delivered		
10W	618lm	534lm
13W	916lm	795lm
19W	1208lm	1152lm
Lm/W 10W	62lm	59lm
Lm/W 13W	70lm	61lm
Lm/W 19W	64lm	61lm
CRI	Ra 80	
CCT	4000K	
	3000K	
Input	230V	
Hertz	50/60Hz	
Operating Temp	-10°C to 25°C	

UK CA CE IP44

Project - Radford Mill
Nottingham, UK

Lodi LED Slim Downlight
Supplied c/w Integral Driver

2YR

ALODLED/75/CW

ALODLED/95/WW

ALODLED/110/CW

P Performance Downlight

- Economic polycarbonate circular LED performance downlight
- Only suitable for semi commercial applications
- Low profile design with integral driver
- Ideal for use in areas with shallow ceiling voids
- 4W exceeds performance of 12W halogen
- 8W exceeds performance of 20W halogen
- 11W exceeds performance of 20W halogen
- Supplied pre-wired with 300mm of cable
- LED lifespan L80 B10 54,000 hours

28 / 95 / 75

28 / 120 / 95

28 / 140 / 110

LED Information

Total (Watts)	4W	
	8W	
	11W	
Lumens Delivered	Cool White	Warm White
4W	307lm	286lm
8W	620lm	589lm
11W	740lm	683lm
Lm/W 4W	77lm	71lm
Lm/W 8W	79lm	76lm
Lm/W 11W	68lm	62lm
Beam Angle	100°	
CRI	Ra 80	
CCT	4000K	
	3000K	
Input	220V - 240V	
Hertz	50Hz	
Operating Temp	-15°C to 25°C	

Ultra-Slim 28mm Profile Depth

	Code	Lamp	Description	Trade
	ALODLED/75/CW	LED	4W - Cool White	**£6.90**
	ALODLED/95/CW	LED	8W - Cool White	**£8.00**
	ALODLED/110/CW	LED	11W - Cool White	**£9.15**
	ALODLED/75/WW	LED	4W - Warm White	**£6.90**
	ALODLED/95/WW	LED	8W - Warm White	**£8.00**
	ALODLED/110/WW	LED	11W - Warm White	**£9.15**
Accessory	ASLED/3NM	LED	1.5W Non-Maintained	**£46.75**

UKCA CE IP20

Lodi LED Slim Downlight
Supplied c/w Integral Driver

- Economic polycarbonate circular LED performance downlight
- Only suitable for semi commercial applications
- Low profile design with integral driver
- Ideal for use in areas with shallow ceiling voids
- 16W exceeds performance of 1x18W PL-C
- 22W exceeds performance of 1x26W PL-C
- 25W comparable to 1x32W PL-T
- Supplied pre-wired with 300mm of cable
- LED lifespan L80 B10 54,000 hours

ALODLED/150/CW

ALODLED/200/WW

ALODLED/250/CW

170 / 30 / 150

220 / 30 / 200

280 / 30 / 250

LED Information

Total (Watts)	16W
	22W
	25W

Lumens Delivered	Cool White	Warm White
16W	1089lm	1070lm
22W	1604lm	1527lm
25W	2035lm	1953lm
Lm/W 16W	72lm	66lm
Lm/W 22W	77lm	73lm
Lm/W 25W	85lm	80lm
Beam Angle	100°	
CRI	Ra 80	
CCT	4000K	
	3000K	
Input	220V - 240V	
Hertz	50Hz	
Operating Temp	-15°C to 25°C	

UKCA CE IP20

Ultra-Slim 30mm Profile Depth

	Code	Lamp	Description	Trade
	ALODLED/150/CW	LED	16W - Cool White	**£13.80**
	ALODLED/200/CW	LED	22W - Cool White	**£19.50**
	ALODLED/250/CW	LED	25W - Cool White	**£28.65**
	ALODLED/150/WW	LED	16W - Warm White	**£13.80**
	ALODLED/200/WW	LED	22W - Warm White	**£19.50**
	ALODLED/250/WW	LED	25W - Warm White	**£28.65**
Accessory	ASLED/3NM	LED	1.5W Non-Maintained	**£46.75**

Anzo MultiLED CCT Adjustable Downlight

Supplied c/w Integral Driver

3YR

P **Performance** Downlight

- Ultra-slim adjustable LED performance downlight
- Only suitable for semi commercial applications
- Integral switches for multiple wattages and selectable CCT
- Innovative bracket / spring design for variable cut-outs from 65-205mm
- Pre-wired with 300mm cable
- LED lifespan L70 54,000 hours
- ANZOLED/CCT Non-dimmable
- ANZOLED/CCT/DIM Triac dimmable as standard

Selectable **CCT**

Ø65 - Ø205 Cut-out

16

Ø175

Ø235

LED Information

	3000K	4000K	6000K
Total (Watts)10W/13W/16W			
Lumens Delivered			
10W	1027lm	1077lm	1045lm
13W	1309lm	1409lm	1351lm
16W	1492lm	1636lm	1555lm
Lm/W 10W	103lm	108lm	105lm
Lm/W 13W	101lm	108lm	104lm
Lm/W 16W	93lm	102lm	97lm
CRI	Ra 80		
CCT	3000K		
	4000K		
	6000K		
Input	230V		
Hertz	50Hz		
Operating Temp	-20°C to 45°C		

Code	Lamp	Description	Trade
ANZOLED/CCT	LED	10W/13W/16W - Warm White/Cool White/Daylight	**£57.50**
ANZOLED/CCT/DIM	LED	16W - Warm White/Cool White/Daylight Dimmable	**£57.50**

UK CA CE IP20

Adjustable
Bracket Design

Innovative bracket design allows installation into variable cut-out sizes between 65mm-205mm, allowing for a varied range of installation options

65mm

205mm

Surface
Mounting Option

Integral bracket also works as a surface mounting option. Simply disconnect from product housing and screw to the ceiling using the pre-drilled hole template guide, then using the easy twist and lock system twist the product into place

Easy Twist and
Lock System

Once the mounting bracket is fixed to the ceiling connect the AC mains cable and twist the product into place over the bracket using the twist and lock icon as a guide

Integral Wattage and
CCT Selectable Switches

Two integral switches located on the rear housing allow selection of 10W, 13W and 16W power output options. This coupled with the additional option of 3000K, 4000K and 6000K colour temperature options ensures suitability for a multitude of applications

Project - Private Residence
Abersoch, UK

Iris LED
Supplied Less Driver

- Micro recessed adjustable downlight with 40° tilt angle.
- Multiple uses, including general illumination, retail, cabinets and furniture applications
- LED lifespan L70 50,000 hours

Note: Provision should be made for fitting of driver due to minimal cut-out diameter

16

Ø52

46

AIGLED/CW

AIGLED/WW

AIGLED/CW/W

AIGLED/WW/W

LED Information

Total (Watts)	3W
Lumens Delivered	
Cool White	172lm
Warm White	141lm
Lm/W Cool White	31lm
Lm/W Warm White	28lm
Beam Angle	19°
CRI	Ra 80
CCT	4000K
	3000K
Input	700mA
Hertz	50/60Hz
Operating Temp	-20°C to 25°C

UK CA   CE   IP20

Code	Lamp	Description	Trade
AIGLED/CW	LED	3W - Cool White - Brushed Chrome	**£29.70**
AIGLED/WW	LED	3W - Warm White - Brushed Chrome	**£29.70**
AIGLED/CW/W	LED	3W - Cool White - White	**£29.70**
AIGLED/WW/W	LED	3W - Warm White - White	**£29.70**

Accessories		Description	Trade
AD3W/700		3W 700mA LED Driver	**£18.00**
ADK12W/700		12W 700mA LED Driver	**£13.10**
ADK20W/700		20W 700mA LED Driver	**£14.45**
AMCD25W		25W 700mA Dimmable LED Driver	**£63.00**
AMCD50W		50W 700mA Dimmable LED Driver	**£114.00**

135

Hawk Universal Lithium Emergency Kit

3YR **Li-Eco 3YR** **ST**

- Ultra-slim universal Self-test emergency convertor pack for LED luminaires
- Supplied c/w recessed LED indicator housing
- Ideal for most LED panels, Downlights and Linear products
- Compatible for LED luminaires with separate LED driver (Maximum 60V Forward Voltage)
- LiFePO4 Lithium battery provides improved energy consumption, product reliability and lifetime

Wiring Diagram

1 OFF

2 L N

3 Output to LED +Brown -Blue / From LED Driver +Brown -Blue

4 ON

63 / 25 / 225

Forward Voltage	18V	23V	28V	33V	38V	43V
Output Current	59mA	60mA	60mA	62mA	62mA	62mA
Output Wattage	1.06W	1.38W	1.68W	2.05W	2.36W	2.67W

Forward Voltage	48V	53V	54V	55V	56V	60V
Output Current	62mA	62mA	62mA	62mA	62mA	62mA
Output Wattage	2.98W	3.29W	3.35W	3.41W	3.47W	3.70W

Code	Description	Trade
AHUEMKIT/LI	Maintained/Non-maintained - Universal Emergency Pack	£82.50

UK CA CE IP20

LED Emergency Lighting Pack

- Emergency lighting pack for use with LED lamps as follows:-

  GU10 LED Lamps
  Minimum: 3W
  Maximum: 8W

- 55mm cut-out aperture
- Will provide 3 hour duration

Wiring Diagram

1

2

3

CEILING

POWER LINE

Ls
L
E
N

4

Code	Description	Trade
ACFLP/3	Maintained / Non-Maintained - LED	**£120.00**

Project - Office Development
Oslo, Norway

Comfort CCT LED Surface Downlight
Supplied c/w Integral Driver

- Shallow surface mounted circular back-lit LED downlight
- One product provides both 3000K and 4000K colour temperature options
- Push fit terminals for ease and speed of installation
- Discreet rear bracket mounting method
- Deep cut off angle for glare control and comfort
- 21W exceeds performance 1x32W PL
- 26W exceeds performance 2x26W PL
- 2 CCT options selectable
- LED lifespan L70 50,000 hours

Selectable **CCT**

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200

203

90

LED Information

Total (Watts)	21W	26W
Lumens Delivered		
Cool White	1711lm	2430lm
Warm White	1670lm	2352lm
Lm/W Cool White	86lm	94lm
Lm/W Warm White	84lm	91lm
Beam Angle		94°
CRI		Ra 80
CCT		3000K
		4000K
Input		230V
Hertz		50/60Hz
Operating Temp	-20°C to 50°C	

UK CA   CE   ⏚   **IP20**

Code	Lamp	Description	Trade
ASCOLED/1/CCT	LED	21W - Cool White/Warm White	**£108.00**
ASCOLED/2/CCT	LED	26W - Cool White/Warm White	**£125.00**

Options			
	/OCTO	OCTO Smart Control	**+ £145.00**
	/DD	Digital Dimming (DD1/DD2/DD3/DD4)	**+ £90.00**

Freska Surface LED Downlight

Supplied c/w Integral Driver

2YR

- Shallow surface mounted circular edge-lit LED panel
- Only suitable for semi commercial applications
- Simple twist and lock invisible fixing method enables ease and speed of installation
- Comparable performance to 26W PLC
- LED lifespan L70 50,000 hours
- Non-dimmable

225.5

39

LED Information

Total (Watts)	18W
Lumens Delivered	
Cool White	1368lm
Warm White	1273lm
Lm/W Cool White	76lm
Lm/W Warm White	70lm
CRI	Ra 80
CCT	4000K
	3000K
Input	230V
Hertz	50/60Hz
Operating Temp	-20°C to 40°C

Code	Lamp	Description	Trade
ASFRLED230/CW	LED	18W - Cool White	£64.50
ASFRLED230/WW	LED	18W - Warm White	£64.50

UK CA   CE   IP20

Rieti Surface LED Downlight
Supplied c/w Integral Driver

5YR

- Modern slim surface mounted LED downlight
- Die-cast aluminium construction with a matt white paint finish
- Suitable for domestic and commercial applications
- LED lifespan L70 50,000 hours
- Non-dimmable

108

Ø60

LED Information

Total (Watts)	8W
Lumens Delivered	
Cool White	659lm
Warm White	607lm
Lm/W Cool White	82lm
Lm/W Warm White	76lm
CRI	Ra 90
CCT	4000K
	3000K
Input	230V
Hertz	50Hz
Operating Temp -20°C to 25°C	

UK CA CE IP20

Code	Lamp	Description	Trade
ARIELED/CW	LED	8W - Cool White	**£51.50**
ARIELED/WW	LED	8W - Warm White	**£51.50**

Terminals comfortably accept 2 x 1.5 Twin and Earth cables with screwless snap-fit cover and cable clamp, for ease and speed of installation

Patented intumescent disc

Open design of fitting allows lamp to 'breathe' providing optimum lamp life and allows for use of ALL suitable retrofit branded lamps

Sleeved AND double insulated high temperature cable

Supplied c/w GU10 Lampholder

Ultra slim bezel provides minimalistic look

Sprung clips for sturdy fixing in variable ceiling thicknesses providing tight and lasting positioning to ceiling

Protective polycarbonate spring clip covers for ceiling protection and ease of installation

Moisture seal

Twistlock operation for easy lamp installation and replacement

ANSELL LIGHTING
PRODUCT
LIFE TIME
GUARANTEE

iCAGE MiNi

INNOVATIVE INTUMESCENT ACTION

This patented and registered design, incorporates a unique intumescent reaction allowing a totally new concept as a cage constructed luminaire.

In comparison to existing fire rated enclosed can designs, iCage Mini and its components operate in a cooler environment and are not reliant on forward heat lamp to provide lower operating temperatures.

iCage Mini offers the installer and specifier comprehensive lamp options, including Part L Compliant LED as well as traditional halogen.

Normal Operation

Activated Intumescent

Part B
Test Nos.
30 Minutes Chilt/A/12229
60 Minutes Chilt/A/12230
90 Minutes Chilt/A/12231

Part C
Test Nos.
P100567

Part E
Test No.
BRE/254782

BEZEL OPTIONS | *Fully tested in 30, 60 and 90 minute ceilings*

| White | Matt White | Brass | Chrome | Satin Chrome | Antique Brass | Black Chrome |

iCage Mini 50W GU10 Die-Cast Downlight
Supplied Less Lamp

LIFE | 30, 60, 90 | **PART C** | **PART E**

AMICD/W

AMICD/MW

AMICD/BR

AMICD/CH

AMICD/SC

AMICD/AB

AMICD/BLC

- Suitable for standard GU10 LED or halogen lamps retrofit
- Protective polycarbonate spring clip covers for ceiling protection and ease of installation
- Dedicated forward heat lamps NOT required
- Extra large terminals for fast loop-in, loop-out wiring
- Twistlock lamp retaining ring for ease of lamp replacement
- Ultra-slim bezel profile
- Compact Fire Rated downlight for shallow ceiling voids

Lamp Options

GU10 LED | GU10 Halogen

94

68

90

76

Code	Lamp	Description	Trade
AMICD/W	GU10	50W - White	**£20.00**
AMICD/MW	GU10	50W - Matt White	**£20.00**
AMICD/BR	GU10	50W - Brass	**£21.45**
AMICD/CH	GU10	50W - Chrome	**£21.45**
AMICD/SC	GU10	50W - Satin Chrome	**£21.45**
AMICD/AB	GU10	50W - Antique Brass	**£22.65**
AMICD/BLC	GU10	50W - Black Chrome	**£22.65**

UK CA | CE | IP20

Project - The Liquor Store
Manchester, UK

iCage Mini 50W GU10 Die-Cast Gimbal
Supplied Less Lamp

AMICG/W

AMICG/MW

AMICG/BR

AMICG/CH

AMICG/SC

AMICG/AB

AMICG/BLC

- Compact Fire Rated downlight for shallow ceiling voids
- Suitable for standard GU10 LED or halogen lamps retrofit
- Protective polycarbonate spring clip covers for ceiling protection and ease of installation
- Dedicated forward heat lamps NOT required
- Extra large terminals for fast loop-in, loop-out wiring
- Twistlock lamp retaining ring for ease of lamp replacement
- Ultra-slim bezel profile

Lamp Options

GU10 LED   GU10 Halogen

89
68
90
76

Code	Lamp	Description	Trade
AMICG/W	GU10	50W - White	£21.25
AMICG/MW	GU10	50W - Matt White	£21.25
AMICG/BR	GU10	50W - Brass	£23.25
AMICG/CH	GU10	50W - Chrome	£23.25
AMICG/SC	GU10	50W - Satin Chrome	£23.25
AMICG/AB	GU10	50W - Antique Brass	£24.50
AMICG/BLC	GU10	50W - Black Chrome	£24.50

iCage Mini IP65 50W GU10 Die-Cast Downlight

Supplied Less Lamp

- Compact Fire Rated downlight for shallow ceiling voids
- Suitable for standard GU10 LED or halogen lamps retrofit
- Protective polycarbonate spring clip covers for ceiling protection and ease of installation
- Dedicated forward heat lamps NOT required
- Extra large terminals for fast loop-in, loop-out wiring
- Twistlock lamp retaining ring for ease of lamp replacement
- Ultra-slim bezel profile

Lamp Options

GU10 LED   GU10 Halogen

100
68
108
85

UK CA   CE   IP65

AMICD/IP65/W

AMICD/IP65/MW

AMICD/IP65/BR

AMICD/IP65/CH

AMICD/IP65/SC

AMICD/IP65/AB

AMICD/IP65/BLC

Code	Lamp	Description	Trade
AMICD/IP65/W	GU10	50W - White	**£30.90**
AMICD/IP65/MW	GU10	50W - Matt White	**£30.90**
AMICD/IP65/BR	GU10	50W - Brass	**£32.40**
AMICD/IP65/CH	GU10	50W - Chrome	**£32.40**
AMICD/IP65/SC	GU10	50W - Satin Chrome	**£32.40**
AMICD/IP65/AB	GU10	50W - Antique Brass	**£34.05**
AMICD/IP65/BLC	GU10	50W - Black Chrome	**£34.05**

EDGE™
GU10/FRD

Terminals comfortably accept 2 x 1.5 Twin and Earth cables with screwless snap-fit cover and cable clamp, for ease and speed of installation

Optional insulation support allows the placing of continuous loft insulation to comply to Part L of Building Regulations

Sleeved and double insulated high temperature cable

Supplied c/w GU10 lampholder

Open design of fitting allows lamp to 'breathe' providing optimum lamp life and allows for use of ALL suitable retrofit branded lamps

Protective sheathing spring clips for ceiling protection and ease of installation

Intumescent disc

Acoustic cushion

Spring clips for sturdy fixing in variable ceiling thicknesses providing tight and lasting positioning to ceiling

Moisture seal

Available in matt white and plated finishes

Twistlock operation for easy lamp installation and replacement

Product Certification

Part B
Test Nos.
30 Minutes - Exova WF383637
60 Minutes - Exova WF383638
90 Minutes - Exova WF383639

Part C
Air Tightness

Part C
Test Nos.
BRE P107853-1001

Part E
Passage of Sound
- Acoustics

Part E
Test No.
BRE P107853-1000

Edge GU10 Fire Rated Downlight
Supplied Less Lamp

EDGE™ GU10/FRD

PART E | **PART C** | **30, 60, 90** | **5YR**

- Suitable for standard GU10 halogen or LED lamps
- Protective sheathing spring clips for ease of installation and ceiling protection
- Push fit terminals for fast loop-in, loop-out wiring
- Twistlock lamp retaining ring for ease of lamp replacement
- Ultra-slim bezel profile
- Compact Fire Rated downlight for shallow ceiling voids

Lamp Options

GU10 LED | GU10 Halogen

105
99
90
76

GU10 LED Option
LED
50
56
Maximum size

UK CA | CE | IP20

AEFRD/MW

AEFRD/CH

AEFRD/SC

Code	Lamp	Description	Trade
AEFRD/MW	GU10	50W - Matt White	**£14.90**
AEFRD/CH	GU10	50W - Chrome	**£16.85**
AEFRD/SC	GU10	50W - Satin Chrome	**£16.85**
Accessories **AEFRISD**		Downlight Insulation Support	**£1.65**

Edge GU10 Fire Rated Gimbal
Supplied Less Lamp

EDGE™
GU10 / FRD

- Compact Fire Rated gimbal for shallow ceiling voids
- Suitable for standard GU10 halogen or LED lamps
- Protective sheathing spring clips for ceiling protection and ease of installation
- Push fit terminals for fast loop-in, loop-out wiring
- Twistlock lamp retaining ring for ease of lamp replacement
- Ultra-slim bezel profile

AEFRG/MW

AEFRG/CH

AEFRG/SC

Lamp Options

GU10 LED   GU10 Halogen

Code	Lamp	Description	Trade
AEFRG/MW	GU10	50W - Matt White	**£17.10**
AEFRG/CH	GU10	50W - Chrome	**£19.05**
AEFRG/SC	GU10	50W - Satin Chrome	**£19.05**

Accessories	AEFRISG		Gimbal Insulation Support	£1.65

105
99
95
80

GU10 LED Option
LED
50
56
Maximum size

UKCA CE ⏚ IP20

Edge GU10 IP65 Fire Rated Downlight
Supplied Less Lamp

- Compact Fire Rated IP65 downlight for shallow ceiling voids
- Suitable for standard GU10 halogen or LED lamps
- IP65 ingress protection allows a range of installation options
- Protective sheathing spring clips for ceiling protection and ease of installation
- Push fit terminals for fast loop-in, loop-out wiring
- Twistlock lamp retaining ring for ease of lamp replacement
- Ultra-slim bezel profile

Lamp Options
GU10 LED GU10 Halogen

AEFRD/IP65/MW

AEFRD/IP65/CH

AEFRD/IP65/SC

Code	Lamp	Description	Trade
AEFRD/IP65/MW	GU10	50W - Matt White	£19.30
AEFRD/IP65/CH	GU10	50W - Chrome	£20.70
AEFRD/IP65/SC	GU10	50W - Satin Chrome	£20.70
Accessories AEFRISD		Downlight Insulation Support	£1.65

Warrington: +44 (0) 1942 433333
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Project - Ole Sereni Hotel
Nairobi, Kenya

Twistlock GU10 50W Die-Cast Downlight
Supplied Less Lamp

- Manufactured from high grade die-cast aluminium
- Permanent earth on stirrup bracket for GU10 mains earthing
- Generous size of terminal housing for ease of wiring

ATL/BA fitted into Twistlock
Low glare baffle adaptor

160

108

82

72

GU10 LED Option

LED
50

Maximum size

UK CA   CE   IP20

ATLD/W

ATLD/MW

ATLD/BR

ATLD/CH

ATLD/SC

ATLD/AB

ATLD/BLC

Code	Lamp	Description	Trade
ATLD/W	GU10	50W - White	**£6.50**
ATLD/MW	GU10	50W - Matt White	**£6.50**
ATLD/BR	GU10	50W - Brass	**£7.90**
ATLD/CH	GU10	50W - Chrome	**£7.90**
ATLD/SC	GU10	50W - Satin Chrome	**£7.90**
ATLD/AB	GU10	50W - Antique Brass	**£9.45**
ATLD/BLC	GU10	50W - Black Chrome	**£9.45**

Accessories	ATL/BA	Low Glare Baffle Adaptor	£2.90

Project - Coxmoor Golf Club
Sutton-in-Ashfield, UK

Twistlock GU10 50W Die-Cast Gimbal
Supplied Less Lamp

- Manufactured from high grade die-cast aluminium
- Permanent earth on stirrup bracket for GU10 mains earthing
- Generous size of terminal housing for ease of wiring
- 30 degree tilt angle

ATLG/W

ATLG/MW

ATLG/BR

ATLG/CH

ATLG/SC

ATLG/AB

ATLG/BLC

ATL/BA fitted into Twistlock Low glare baffle adaptor

170

108

95

84

GU10 LED Option
LED
50
∞
Maximum size

Code	Lamp	Description	Trade
ATLG/W	GU10	50W - White	**£7.80**
ATLG/MW	GU10	50W - Matt White	**£7.80**
ATLG/BR	GU10	50W - Brass	**£10.55**
ATLG/CH	GU10	50W - Chrome	**£10.55**
ATLG/SC	GU10	50W - Satin Chrome	**£10.55**
ATLG/AB	GU10	50W - Antique Brass	**£12.15**
ATLG/BLC	GU10	50W - Black Chrome	**£12.15**

Accessories **ATL/BA**	Low Glare Baffle Adaptor	**£2.90**

UK CA   CE   ⊕   IP20

Project - The Curve
Nottingham, UK

Twistlock GU10 35W IP44 Die-Cast Downlight

Supplied Less Lamp

- IP44 downlight suitable for bathrooms

ATLVD/IP44/W

160

108

82

72

ATLVD/IP44/CH

ATL/BA fitted into Twistlock Low glare baffle adaptor

GU10 LED Option

LED 50

Maximum size

ATLVD/IP44/SC

Code	Lamp	Description	Trade
ATLVD/IP44/W	GU10	35W - White	**£10.00**
ATLVD/IP44/CH	GU10	35W - Chrome	**£11.35**
ATLVD/IP44/SC	GU10	35W - Satin Chrome	**£11.35**

Accessory ATL/BA		Low Glare Baffle Adaptor	**£2.90**

UK CA CE IP44

Warrington: +44 (0) 1942 433333
Belfast: +44 (0) 2890 773750

Twistlock GU10 IP65 Downlight

Supplied Less Lamp

5YR ZONE 1 ZONE 2

- IP65 downlight suitable for bathroom use
- Die-cast aluminium construction with clear glass
- Permanent earth on stirrup bracket for GU10 mains earthing
- Generous size of terminal housing for ease of wiring

ATLD/IP65/W

ATLD/IP65/MW

ATLD/IP65/CH

ATLD/IP65/SC

ATL/BA fitted into Twistlock Low glare baffle adaptor

170

110

98

84

GU10 LED Option

LED

50

Maximum size

Code	Lamp	Description	Trade
ATLD/IP65/W	GU10	50W - White	£12.70
ATLD/IP65/MW	GU10	50W - Matt White	£12.70
ATLD/IP65/CH	GU10	50W - Chrome	£14.95
ATLD/IP65/SC	GU10	50W - Satin Chrome	£14.95
ATL/BA	Low Glare Baffle Adaptor		£2.90

UK CA CE IP65

IP65 GU10/MR16 Die-Cast Bathroom Downlight

Supplied Less Lamp

- IP65 solid die-cast aluminium construction
- Supplied with MR16 and GU10 lampholders
- Clear glass

ZONE 2 | ZONE 1 | 5YR

ABD/W

110

88

72

ABD/CH

ABD/SC

GU10 LED Option

LED
50

Maximum size

UK CA | CE | IP65

MR16 GU10

Code	Lamp	Description	Trade
ABD/W	GU10/MR16	50W - White	**£12.10**
ABD/CH	GU10/MR16	50W - Chrome	**£12.85**
ABD/SC	GU10/MR16	50W - Satin Chrome	**£12.45**

Warrington: +44 (0) 1942 433333
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Project - Private Residential
Warrington, UK

Twistlock GU10 / 35W IP44 Outdoor Die-Cast Gimbal
Supplied Less Lamp

ZONE 2

5YR

- IP44 rated for exterior applications
- DuPont paint finish with 20 year guarantee

Suitable for GU10 LED only

108
30
95
84

GU10 LED Option
LED
50
56
Maximum size

UK CA CE IP44

ATLVOG/IP44/W

Suitable for external soffit applications

ATLVOG/IP44/SG

ATLVOG/IP44/B

Code	Lamp	Description	Trade
ATLVOG/IP44/W	GU10*	35W - White	**£18.70**
ATLVOG/IP44/B	GU10*	35W - Black	**£18.70**
ATLVOG/IP44/SG	GU10*	35W - Silver Grey	**£18.70**
*GU10 LED Only			

Converter Kit Low Voltage and GU10

Supplied Less Lamp

ACP/W

ACP/SC

- Retrofit converter kit to replace mains reflector downlights (R50, R64, R80) and eyeballs (R50, R64)
- Supplied with converter plate, downlight and a choice of low voltage and GU10 lampholders for MR16, GU10, CFL or LED lamp sources

Variable 70-98mm

80

140

GU10 LED Option

LED

50

Maximum size

UK CA   CE   IP20

MR16   GU10

Code	Lamp	Description	Trade
ACP/W	GU10 / MR16	50W - White	**£12.05**
ACP/SC	GU10 / MR16	50W - Satin Chrome	**£16.60**

Fire Hoods

Fire Hood

- Fully tested for 60 minute fire protection
- Quick and easy installation from below or above the ceiling
- Ventilated to avoid over heating of light fittings

When selecting the size of firehood required, please allow the following minimum clearances around the downlight:
Horizontal: 40mm
Vertical: 15mm

Hoods	Code	Cover Size (mm)	Trade
	Standard Cover	Dia. Height	
	ADLC/0	150 x 120	£16.15
	ADLC/1	130 x 70	£14.90
	ADLC/2	130 x 100	£16.30
	ADLC/4	180 x 130	£22.70
	ADLC/6	260 x 120	£24.55
	ADLC/7	260 x 230	£33.55
	ADLC/8	300 x 170	£30.65
	ADLC/9	350 x 230	£40.30

Spare Lampholders

ASGU10L

- Replacement lampholders

Code	Description	Trade
ASGU10L	GU10 Stirrup Lampholder with earth	£1.95

24V Circuit

LED Track System with Push-fit and Lock Connection

24V Track **165**

24V Accessories **166**

Unity Mini 24V Adjustable LED Trackspot **167**

24V Circuit Track Planning System

Live End

Straight Connector

Adjustable Connector

Butt Connector

L Shape Connector

Dead End

AUMLED/*/LC

AMT1/*/24V

AUMLED/*/SC

AUMLED/*/LE

24V Input

AUMLED/*/AC

screw

AUMLED/*/BC

AUMLED/*/DE

Mini 24V Single Circuit Track
Supplied c/w Live and End Cap

- Mini 24VDC track system ideal for discrete display applications
- Track supplied c/w live and (Earth left) and dead end
- Range of accessories offered providing flexibility (see p166)

14

13

AMT1/W/24V

AMT1/B/24V

	Code	Description				Trade
	AMT1/W/24V	1 Metre - White				**£35.00**
	AMT1/B/24V	1 Metre - Black				**£36.35**
			A	B	C	
Drivers	**ADK15W/24V**	15W	123	45	19	**£11.75**
	ADK60W/24V	60W	180	52	36	**£27.30**
	ADK120W/24V	120W	300	40	30	**£35.25**
	ADK200W/24V	200W	207	37	68.5	**£82.50**

A = Length   **B** = Height   **C** = Width

UK CA   CE   IP20

Unity Mini 24V Adjustable Trackspot Accessories

- Extensive range of accessories for Mini 24V adjustable trackspot

	Code	Description	Trade
Live End Connector	**AUMLED/W/LE**	White	**£9.25**
	AUMLED/B/LE	Black	**£9.25**
Straight Connector	**AUMLED/W/SC**	White	**£5.65**
	AUMLED/B/SC	Black	**£5.65**
Adjustable Connector	**AUMLED/W/AC**	White	**£5.90**
	AUMLED/B/AC	Black	**£5.90**
Butt Connector	**AUMLED/W/BC**	White	**£9.65**
	AUMLED/B/BC	Black	**£9.65**
L Shape Connector	**AUMLED/W/LC**	White	**£5.65**
	AUMLED/B/LC	Black	**£5.65**
Dead End	**AUMLED/W/DE**	White	**£1.90**
	AUMLED/B/DE	Black	**£1.90**

Unity Mini 24V Adjustable LED Trackspot

- Micro 24VDC track spot
- Adjustable beam angle from 5° to 30° for highly efficient and uniform light output
- Dimmable as standard, using integrated dial from 5% to 100%
- 355° rotation with 0-180° tilt on the bracket
- LED lifespan L70 50,000 hours

14   76   26   101   63   Ø31   73

5°beam angle   30°beam angle

LED Information

Total (Watts)		7W
Lumens Delivered	30°	5°
Cool White	267lm	146lm
Warm White	225lm	144lm
Lm/W Cool White	38lm	21lm
Lm/W Warm White	36lm	21lm
CRI	Ra 90	
CCT	4000K	
	3000K	
Input	24VDC	
Hertz	50Hz	
Operating Temp -20°C to 25°C		

UK CA   CE   �III   IP20

AUMLED/B/WW

AUMLED/W/CW

Spot head extends narrowing the light output to a 5°beam creating a highly efficient and uniform light output

101mm height

Slim and ultra-compact design provides modern and discrete appearance

Code	Lamp	Description	Trade
AUMLED/W/CW	LED	7W - Cool White - White	**£60.00**
AUMLED/B/CW	LED	7W - Cool White - Black	**£60.00**
AUMLED/W/WW	LED	7W - Warm White - White	**£60.00**
AUMLED/B/WW	LED	7W - Warm White - Black	**£60.00**

Single Circuit

Track and Surface System
with Push-fit and Lock Connection

169

GU10 Mains Voltage
Track Pack

170

Como 50W GU10
Mains

171

Dara 50W GU10
Mains

172

Zita 50W GU10 Mains

173

Lanzia 50W GU10
Mains

175

Mains Track and
Accessories

180

Unity 1 Low Profile
Mains

181

Unity 2 Low Profile
Mains

182

Unity 0 LED Mains

183

Unity 1 LED Mains

184

Unity 2 LED Mains

186

Unity 3 LED Mains

187

Unity 4 LED Mains

188

Unity Wallwash Mains

Single Circuit GU10 Mains Voltage Track Pack

Supplied Less Lamp

- 1 Metre track
- Track supplied with live and dead ends
- Optional trim ring included
- Full range of accessories available to join track packs

GU10 LED Option

LED
50
∞

Maximum size

UK CA CE IP20

Code	Lamp	Description	Trade
AMTP1/W	GU10	3 x 50W - White	**£97.50**

Single Circuit Como 50W GU10 Mains
Supplied Less Lamp

- Modern track spot
- Design of housing accomodates varied lamp lengths up to 56mm
- 355° rotation, spot head tilt angle to 90°

ACOGU10S/W

ACOGU10S/B

138

80

Ø65

Mains Voltage Track Mounted

Mains Surface Monopoint

Code	Lamp	Description	Trade
ACOGU10S/W	GU10	White	**£31.90**
ACOGU10S/B	GU10	Black	**£31.90**

Accessories	**AMON/GU10/W**	Surface Monopoint - White	**£14.90**
	AMON/GU10/B	Surface Monopoint - Black	**£14.90**

GU10 LED Option

LED
50
56
Maximum size

UK CA CE ▣ IP20

Single Circuit Dara 50W GU10 Mains
Supplied Less Lamp

- 355° rotation, spot head tilt angle to 90°

140

Mains Voltage Track Mounted

Mains Surface Monopoint

GU10 LED Option

LED
50

Maximum size

UK CA CE IP20

ADGU10S/W

ADGU10S/B

	Code	Lamp	Description	Trade
	ADGU10S/W	GU10	White	**£30.15**
	ADGU10S/B	GU10	Black	**£30.15**
Accessories	**AMON/GU10/W**		Surface Monopoint - White	**£14.90**
	AMON/GU10/B		Surface Monopoint - Black	**£14.90**

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Single Circuit Zita 50W GU10 Mains
Supplied Less Lamp

- Modern sleek spotlight with option of trim ring to encapsulate lamp
- 355° rotation, spot head tilt angle to 90°

134

AZGU10S/W

Mains Voltage Track Mounted

Mains Surface Monopoint

	Code	Lamp	Description	Trade
	AZGU10S/W	GU10	White	**£32.85**
Accessories	**AMON/GU10/W**		Surface Monopoint - White	**£14.90**
	AZTR/W		Trim Ring - White	**£6.50**

GU10 LED Option

LED
50

Maximum size

UK CA CE IP20

Single Circuit Lanzia 50W GU10 Mains

Supplied Less Lamp

- 355 degree rotation, spot head tilt angle to 90°

140

ALGU10S/B

Mains Voltage Track Mounted

Mains Surface Monopoint

ALGU10S/W

GU10 LED Option

LED
50

56

Maximum size

UK CA CE IP20

	Code	Lamp	Description	Trade
	ALGU10S/W	GU10	White	**£33.60**
	ALGU10S/B	GU10	Black	**£33.60**
Accessories	**AMON/GU10/W**		Surface Monopoint - White	**£14.90**
	AMON/GU10/B		Surface Monopoint - Black	**£14.90**

Project - Paper Assist
Dublin, Ireland

Mains Voltage 16A Single Circuit Track
Supplied c/w Live and Dead End

- 240V 16A mains track system for mains fittings
- Option of surface mounting or suspended
- Track supplied c/w live end (Earth left) and dead end
- Maximum mechanical loading of 50N
- Track insert accessories available to provide an aesthetically pleasing appearance and can be cut to desirable lengths

AMT1/W

AMT1/B

Generous Terminal Capacity

L   N

17

34

Track Cross Section

Single Circuit Track Insert

AMTINS/**

	Code	Description	Trade
1 Metre	**AMT1/W**	1 Metre - White	**£29.80**
	AMT1/B	1 Metre - Black	**£29.80**
2 Metre	**AMT2/W**	2 Metre - White	**£53.50**
	AMT2/B	2 Metre - Black	**£53.50**
Accessories	**AMTINS/W**	2 Metre - White Track Insert	**£6.70**
	AMTINS/B	2 Metre - Black Track Insert	**£6.70**

UK CA CE IP20

Mains Voltage 16A Single Circuit Track Accessories

- Extensive range of accessories for track and track packs
- Option of left and right feed for Live end, L and T connectors

Flexible incoming wiring access

	Code	Description	Trade
Track Insert	**AMTINS/W**	2 Metre - White	**£6.70**
	AMTINS/B	2 Metre - Black	**£6.70**
Live End - Earth Left	**AMTLE/PL/W**	White	**£8.05**
	AMTLE/PL/B	Black	**£8.05**
Live End - Earth Right	**AMTLE/PR/W**	White	**£8.05**
	AMTLE/PR/B	Black	**£8.05**
Butt Connector	**AMTBC/W**	White	**£6.05**
	AMTBC/B	Black	**£5.95**
Straight Connector	**AMTSC/W**	White	**£11.05**
	AMTSC/B	Black	**£11.05**
X-Connector	**AMTXC/W**	White	**£18.50**
	AMTXC/B	Black	**£18.50**
Dead End	**AMTDE/W**	White	**£1.85**
	AMTDE/B	Black	**£1.85**

Mains Voltage 16A Single Circuit Track Accessories

- Extensive range of accessories for track and track packs
- Option of left and right feed for Live end, L and T connectors

Surface Monopoint with
Unity 2 LED Mains fitting

	Code	Description	Trade
L Connector - Earth Inside	AMTLC/PI/W	White	£14.30
	AMTLC/PI/B	Black	£14.30
L Connector - Earth Outside	AMTLC/PO/W	White	£14.30
	AMTLC/PO/B	Black	£14.30
T-Connector - Earth Inside	AMTTC/PI/W	White	£16.50
	AMTTC/PI/B	Black	£16.50
T-Connector - Earth Outside	AMTTC/PO/W	White	£16.65
	AMTTC/PO/B	Black	£16.50
6A Track Adaptor c/w cable clamp	AMTA/W	White	£11.35
	AMTA/B	Black	£11.35
Flexible Connector	AMTFC/W	White	£19.10
	AMTFC/B	Black	£19.10
Suspension Kit	AMTSK	c/w 3metre Steel Chord	£17.90
Surface Monopoint	AMON/GU10/W	White	£14.90
	AMON/GU10/B	Black	£14.90
	(Diameter 120mm x Depth 25mm)		

Single Circuit

Track Planning System

- Choice of left or right earth connection for complex installations
- Adjacent diagram provides an illustration of correct accessory selection

Live End
Earth Left

Live End
Earth Right

L Connector
Earth Outside

L Connector
Earth Inside

T Connector
Earth Left

T Connector
Earth Right

Example of correct accessory selection

AMTLE/PL

AMTTC/PI/

AMTTC/PI/

AMTLC/PO/

AMTTC/PO/

AMTXC/

AMTTC/PO/

AMTTC/PI/

AMTLC/PO/

AMTLC/PO/

Reflector
Accessories

Our extensive range of reflector accessories allow the installer to change the beam angle of the light output to suit the needs of different applications. Simply unscrew the front from the track head, remove the existing reflector and replace with the new reflector accessory.

20° Reflector

Creating a more focused and intense light, this reflector is perfect for use in galleries and museums where a narrow beam is required to create a focal point to highlight artwork or sculptures.

Available for use with

Single Circuit Unity LED Mains 2 - AUTRA/80/20 - p184
Single Circuit Unity LED Mains 3 - AUTRA/110/20 - p186
Single Circuit Unity LED Mains 4 - AUTRA/110/20 - p187
Three Circuit Unity LED Mains 2 - AUTRA/80/20 - p199
Three Circuit Unity LED Mains 3 - AUTRA/110/20 - p200
Three Circuit Unity LED Mains 4 - AUTRA/110/20 - p201

40° Reflector

Suitable for general use in settings such as restaurants, galleries, hotels, retail spaces and museums, this reflector can be used to highlight artwork on gallery walls and can create an ambient light for restaurants and bars.

Available for use with

Single Circuit Unity LED Mains 0 - AUTRA/50/40 - p182
Single Circuit Unity LED Mains 1 - AUTRA/50/40 - p183
Three Circuit Unity LED Mains 0 - AUTRA/50/40 - p195
Three Circuit Unity LED Mains 1 - AUTRA/50/40 - p196

60° Reflector

Ideal for use in larger, open spaces such as showrooms and retails spaces, the reflector provides excellent general lighting, with the beam angle covering a large area with light, whilst minimising shadows.

Available for use with

Single Circuit Unity LED Mains 3 - AUTRA/110/60 - p186
Single Circuit Unity LED Mains 4 - AUTRA/110/60 - p187
Three Circuit Unity LED Mains 3 - AUTRA/110/60 - p200
Three Circuit Unity LED Mains 4 - AUTRA/110/60 - p201

70° Reflector

The 70° reflector can be used in track lighting solutions where a large space needs to be filled with light. This size reflector is suitable for large retail spaces and commercial premises as it creates a large amount of light whilst reducing shadows.

Available for use with

Single Circuit Unity LED Mains 2 - AUTRA/80/70 - p184
Three Circuit Unity LED Mains 2 - AUTRA/80/70 - p199

Single Circuit Low Profile Unity 1 LED Track

Supplied c/w Integral Driver

5YR

- Low profile LED trackspot with integral driver
- 355° rotation with 0-180° tilt on the bracket
- Mirror finish anodized reflector for optimum efficiency
- Microprism diffuser for visual comfort and uniformity
- LED lifespan L80 68,000 hours
- Non-dimmable

AULEDLP1/W

AULEDLP1/B

360° | 65 | Ø60 | 90° | 88 | 152

Code	Lamp	Description	Trade
AULEDLP1/W	LED	12W - Cool White - White	**£88.50**
AULEDLP1/B	LED	12W - Cool White - Black	**£88.50**
AULEDLP1/WW/W	LED	12W - Warm White - White	**£88.50**
AULEDLP1/WW/B	LED	12W - Warm White - Black	**£88.50**

LED Information

Total (Watts)	12W
Lumens Delivered	
Cool White	632lm
Warm White	623lm
Lm/W Cool White	53lm
Lm/W Warm White	52lm
Beam Angle	27°
CRI	Ra 90
CCT	4000K
	3000K
Input	230V
Hertz	50Hz
Operating Temp	-20°C to 25°C

UK CA CE IP20

Single Circuit Low Profile Unity 2 LED Track

Supplied c/w Integral driver

- Low profile LED trackspot with integral driver
- 355° rotation with 0-180° tilt on the bracket
- Mirror finish anodized reflector for optimum efficiency
- Microprism diffuser for visual comfort and uniformity
- LED lifespan L70 50,000 hours
- Non-dimmable

AULEDLP2/W

AULEDLP2/B

LED Information

Total (Watts)	22W
Lumens Delivered	
Cool White	1564lm
Warm White	1462lm
Lm/W Cool White	71lm
Lm/W Warm White	66lm
Beam Angle	26°
CRI	Ra 90
CCT	4000K
	3000K
Input	230V
Hertz	50Hz
Operating Temp	-20°C to 25°C

Code	Lamp	Description	Trade
AULEDLP2/W	LED	22W - Cool White - White	**£108.00**
AULEDLP2/B	LED	22W - Cool White - Black	**£108.00**
AULEDLP2/WW/W	LED	22W - Warm White - White	**£108.00**
AULEDLP2/WW/B	LED	22W - Warm White - Black	**£108.00**

Single Circuit Unity 0 LED Mains

Supplied c/w Integral Driver

5YR

- Compact LED trackspot with integral driver
- True 50W halogen replacement
- 355° rotation with 0-180° tilt on the bracket
- Mirror finish anodized reflector
- Anti-glare design for visual comfort
- LED lifespan L70 50,000 hours
- Non-dimmable

AULEDS0/CW/W

Powered by

HEP

AULEDS0/CW/B

170

Ø60

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Mains Voltage Track Mounted

Mains Surface Monopoint

LED Information

Total (Watts)	10W
Lumens Delivered	
Cool White	691lm
Warm White	629lm
Lm/W Cool White	69lm
Lm/W Warm White	63lm
Beam Angle	50°
CRI	Ra 90
CCT	4000K
	3000K
Input	230V
Hertz	50Hz
Operating Temp -20°C to 25°C	

	Code	Lamp	Description	Trade
	AULEDS0/CW/W	LED	10W - Cool White - White	**£58.00**
	AULEDS0/CW/B	LED	10W - Cool White - Black	**£58.00**
	AULEDS0/WW/W	LED	10W - Warm White - White	**£58.00**
	AULEDS0/WW/B	LED	10W - Warm White - Black	**£58.00**
Accessories	**AMON/GU10/W**		Surface Monopoint - White	**£14.90**
	AMON/GU10/B		Surface Monopoint - Black	**£14.90**
	AUTRA/50/40		50mm 40° Reflector Accessory	**£5.30**

UK CA   CE   IP20

Single Circuit Unity 1 LED Mains
Supplied c/w Integral Driver

- Compact LED trackspot with integral driver
- Comparable performance to 100W halogen
- 355° rotation with 0-180° tilt on the bracket
- Mirror finish anodized reflector
- Anti-glare design to create visual comfort
- LED lifespan L70 50,000 hours
- Non-dimmable

167
Ø60
135

AULEDS1/W

Powered by

HEP

AULEDS1/B

Mains Voltage Track Mounted

Mains Surface Monopoint

LED Information

Total (Watts)	15W
Lumens Delivered	
Cool White	1202lm
Warm White	1112lm
Lm/W Cool White	80lm
Lm/W Warm White	74lm
Beam Angle	19°
CRI	Ra 90
CCT	4000K
	3000K
Input	230V
Hertz	50/60Hz
Operating Temp	-20°C to 25°C

UK CA   CE   IP20

	Code	Lamp	Description	Trade
	AULEDS1/W	LED	15W - Cool White - White	£94.00
	AULEDS1/B	LED	15W - Cool White - Black	£94.00
	AULEDS1/WW/W	LED	15W - Warm White - White	£94.00
	AULEDS1/WW/B	LED	15W - Warm White - Black	£94.00
Accessories	AMON/GU10/W		Surface Monopoint - White	£14.90
	AMON/GU10/B		Surface Monopoint - Black	£14.90
	AUTRA/50/40		50mm 40° Reflector Accessory	£5.30

Warrington: +44 (0) 1942 433333
Belfast: +44 (0) 2890 773750

Single Circuit Unity 2 LED Mains

Supplied c/w Integral Driver

5YR

- LED trackspot with integral driver
- Comparable performance to 70W HQI
- 355° rotation with 0-180° tilt on the bracket
- Mirror finish anodized reflector
- Anti-glare design to create visual comfort
- LED lifespan L70 50,000 hours
- Non-dimmable

AULEDS2/W

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AULEDS2/B

Ø95

103   145   179

*Suitable for suspension in a closed continuous installation e.g square/rectangular

*Mains Voltage Track Mounted	Mains Surface Monopoint

Code	Lamp	Description	Trade
AULEDS2/W	LED	29W - Cool White - White	**£107.00**
AULEDS2/B	LED	29W - Cool White - Black	**£107.00**
AULEDS2/WW/W	LED	29W - Warm White - White	**£107.00**
AULEDS2/WW/B	LED	29W - Warm White - Black	**£107.00**
Accessories **AMON/GU10/W**		Surface Monopoint - White	**£14.90**
AMON/GU10/B		Surface Monopoint - Black	**£14.90**
AUTRA/80/20		80mm 20° Reflector Accessory	**£9.00**
AUTRA/80/70		80mm 70° Reflector Accessory	**£9.00**

LED Information

Total (Watts)	29W
Lumens Delivered	
Cool White	2699lm
Warm White	2497lm
Lm/W Cool White	93lm
Lm/W Warm White	86lm
Beam Angle	40°
CRI	Ra 90
CCT	4000K
	3000K
Input	230V
Hertz	50/60Hz
Operating Temp	-20°C to 25°C

UK CA   CE   IP20

Project - Ole Sereni Hotel
Nairobi, Kenya

Single Circuit Unity 3 LED Mains
Supplied c/w Integral Driver

5YR

AULEDS3/W

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AULEDS3/B

- LED trackspot with integral driver
- Comparable performance to 100W HQI
- 355° rotation with 0-180° tilt on the bracket
- Mirror finish anodized reflector
- Anti-glare design to create visual comfort
- LED lifespan L70 50,000 hours
- Non-dimmable

Ø125   183   130   179

*Suitable for suspension in a closed continuous installation e.g square/rectangular

*Mains Voltage Track Mounted	Mains Surface Monopoint

Code	Lamp	Description	Trade
AULEDS3/W	LED	37W - Cool White - White	**£126.00**
AULEDS3/B	LED	37W - Cool White - Black	**£126.00**
AULEDS3/WW/W	LED	37W - Warm White - White	**£126.00**
AULEDS3/WW/B	LED	37W - Warm White - Black	**£126.00**
Accessories AMON/GU10/W		Surface Monopoint - White	**£14.90**
AMON/GU10/B		Surface Monopoint - Black	**£14.90**
AUTRA/110/20		110mm 20° Reflector Accessory	**£10.50**
AUTRA/110/60		110mm 60° Reflector Accessory	**£10.50**

LED Information

Total (Watts)	37W
Lumens Delivered	
Cool White	3239lm
Warm White	2887lm
Cool White Lm/W	88lm
Warm White Lm/W	78lm
Beam Angle	40°
CRI	Ra 90
CCT	4000K
	3000K
Input	230V
Hertz	50/60Hz
Operating Temp	-20°C to 25°C

UKCA CE IP20

Single Circuit Unity 4 LED Mains
Supplied c/w Integral Driver

5YR

- LED trackspot with integral driver
- Comparable performance to 150W HQI
- 355° rotation with 0-180° tilt on the bracket
- Mirror finish anodized reflector
- Anti-glare design to create visual comfort
- LED lifespan L70 50,000 hours
- Non-dimmable

Ø125

206

150

180

*Suitable for suspension in a closed continuous installation e.g square/rectangular

*Mains Voltage Track Mounted	Mains Surface Monopoint

AULEDS4/W

AULEDS4/B

LED Information

Total (Watts)	42W
Lumens Delivered	
Cool White	3922lm
Warm White	3709lm
Cool White Lm/W	93lm
Warm White Lm/W	88lm
Beam Angle	40°
CRI	Ra 90
CCT	4000K
	3000K
Input	230V
Hertz	50/60Hz
Operating Temp	-20°C to 25°C

UK CA CE IP20

	Code	Lamp	Description	Trade
	AULEDS4/W	LED	42W - Cool White - White	**£145.00**
	AULEDS4/B	LED	42W - Cool White - Black	**£145.00**
	AULEDS4/WW/W	LED	42W - Warm White - White	**£145.00**
	AULEDS4/WW/B	LED	42W - Warm White - Black	**£145.00**
Accessories	AMON/GU10/W		Surface Monopoint - White	**£14.90**
	AMON/GU10/B		Surface Monopoint - Black	**£14.90**
	AUTRA/110/20		110mm 20° Reflector Accessory	**£10.50**
	AUTRA/110/60		110mm 60° Reflector Accessory	**£10.50**

Single Circuit Unity Wallwash LED Mains

Supplied c/w Integral Driver

5YR

AULEDSW/CW/W

Powered by

HEP

- Ultra-modern LED wallwash trackspot with integral driver
- Comparable performance to 35W halogen
- 355° rotation with 0-180° tilt on the bracket
- Unique reflector design enhances distribution for maximum efficiency and light output
- LED lifespan L70 50,000 hours
- Triac dimmable

AULEDSW/WW/B

147

34   152

Code	Lamp	Description	Trade
AULEDSW/CW/W	LED	17W - Cool White - White	**£147.00**
AULEDSW/CW/B	LED	17W - Cool White - Black	**£147.00**
AULEDSW/WW/W	LED	17W - Warm White - White	**£147.00**
AULEDSW/WW/B	LED	17W - Warm White - Black	**£147.00**
Accessories AMON/GU10/W		Surface Monopoint - White	**£14.90**
AMON/GU10/B		Surface Monopoint - Black	**£14.90**

LED Information

Total (Watts)	17W
Lumens Delivered	
Cool White	529lm
Warm White	487lm
Lm/W Cool White	31lm
Lm/W Warm White	28lm
Beam Angle	76°
CRI	Ra 90
CCT	4000K
	3000K
Input	230V
Hertz	50Hz
Operating Temp	-20°C to 25°C

UK CA   CE   IP20

Project - The Yard
Manchester, UK

Three Circuit

Track and Surface System
with Push-fit and Lock Connection

Mains Voltage 16A Three Circuit Track

Supplied c/w Live and Dead End

- 240V 16A mains track system
- Three circuit connectivity provides multiple group switching options
- Option of surface mounting or suspended
- Track supplied c/w live end (Earth left) and dead end
- Maximum mechanical loading of 50N
- Track insert accessories available to provide an aesthetically pleasing appearance and can be cut to desirable lengths

Generous Terminal Capacity

33
35
32

Track Cross Section

A/3MT1/W

A/3MT1/B

	Code	Description	Trade
1 Metre	A/3MT1/W	1 Metre - White	**£37.30**
	A/3MT1/B	1 Metre - Black	**£38.45**
2 Metre	A/3MT2/W	2 Metre - White	**£73.50**
	A/3MT2/B	2 Metre - Black	**£73.50**
Accessories	AMTINS/W	2 Metre - White Track Insert	**£6.70**
	AMTINS/B	2 Metre - Black Track Insert	**£6.70**

UK CA CE ⏚ IP20

Mains Voltage 16A Three Circuit Track Accessories

- Extensive range of accessories
- Option of left and right feed for Live end, L and T connectors

Flexible incoming wiring access

	Code	Description	Trade
Track Insert	**AMTINS/W**	2 Metre - White	**£6.70**
	AMTINS/B	2 Metre - Black	**£6.70**
Live End - Earth Left	**A/3MTLE/PL/W**	White	**£10.25**
	A/3MTLE/PL/B	Black	**£10.25**
Live End - Earth Right	**A/3MTLE/PR/W**	White	**£10.25**
	A/3MTLE/PR/B	Black	**£10.25**
Butt Connector	**A/3MTBC/W**	White	**£8.45**
	A/3MTBC/B	Black	**£8.45**
Straight Connector	**A/3MTSC/W**	White	**£22.25**
	A/3MTSC/B	Black	**£22.25**
X-Connector	**A/3MTXC/W**	White	**£39.70**
	A/3MTXC/B	Black	**£39.70**
Dead End	**A/3MTDE/W**	White	**£2.40**
	A/3MTDE/B	Black	**£2.40**

- Extensive range of accessories
- Option of left and right feed for Live end, L and T connectors

	Code	Description	Trade
L Connector - Earth Inside	A/3MTLC/PI/W	White	£20.45
	A/3MTLC/PI/B	Black	£20.45
L Connector - Earth Outside	A/3MTLC/PO/W	White	£20.45
	A/3MTLC/PO/B	Black	£20.45
T-Connector - Earth Inside	A/3MTTC/PI/W	White	£31.90
	A/3MTTC/PI/B	Black	£31.90
T-Connector - Earth Outside	A/3MTTC/PO/W	White	£31.90
	A/3MTTC/PO/B	Black	£31.90
6A Track Adaptor c/w cable clamp	A/3MTA/W	White	£15.65
	A/3MTA/B	Black	£15.65
Flexible Connector	A/3MTFC/W	White	£26.45
	A/3MTFC/B	Black	£26.45
Suspension Kit	A/3MTSK	c/w 3metre Steel Chord	£18.05
Surface Monopoint	A/3MON/GU10/W	White	£16.80
	A/3MON/GU10/B	Black	£16.80

(Diameter 125mm x Depth 32mm)

Three Circuit

Track Planning System

- Choice of left or right earth connection for complex installations
- Adjacent diagram provides an illustration of correct accessory selection

Live End
Earth Left

Live End
Earth Right

L Connector
Earth Outside

L Connector
Earth Inside

T Connector
Earth Left

T Connector
Earth Right

Example of correct accessory selection

A/3MTE/PL/

A/3MTTC/PI/

A/3MTTC/PI/

A/3MTLC/PO/

A/3MTTC/PO/

A/3MTXC/

A/3MTTC/PO/

A/3MTLC/PO/

A/3MTTC/PI/

A/3MTLC/PO/

Three Circuit Unity 0 LED Mains
Supplied c/w Integral Driver

- Compact LED trackspot with integral driver
- Three circuit functionality allows for installations with multi-circuit requirement
- True 50W halogen replacement
- 355° rotation with 0-180° tilt on the bracket
- Mirror finish anodized reflector
- Anti-glare design for visual comfort
- LED lifespan L70 50,000 hours
- Non-dimmable

5YR

A/3ULEDS0/CW/W

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HEP

A/3ULEDS0/CW/B

198

Ø60

130

Mains Voltage Track Mounted

Mains Surface Monopoint

LED Information

Total (Watts)	10W
Lumens Delivered	
Cool White	691lm
Warm White	629lm
Lm/W Cool White	69lm
Lm/W Warm White	63lm
Beam Angle	50°
CRI	Ra 90
CCT	4000K
	3000K
Input	230V
Hertz	50Hz
Operating Temp	-20°C to 25°C

UK CA CE ⏚ **IP20**

Code	Lamp	Description	Trade
A/3ULEDS0/CW/W	LED	10W - Cool White - White	**£67.00**
A/3ULEDS0/CW/B	LED	10W - Cool White - Black	**£67.00**
A/3ULEDS0/WW/W	LED	10W - Warm White - White	**£67.00**
A/3ULEDS0/WW/B	LED	10W - Warm White - Black	**£67.00**
A/3MON/GU10/W		Surface Monopoint - White	**£16.80**
A/3MON/GU10/B		Surface Monopoint - Black	**£16.80**
AUTRA/50/40		50mm 40° Reflector Accessory	**£5.30**

Three Circuit Unity 1 LED Mains

Supplied c/w Integral Driver

5YR

- Compact LED trackspot with integral driver
- Three circuit functionality allows for installations with multi-circuit requirement
- Comparable performance to 100W halogen
- 355° rotation with 0-180° tilt on the bracket
- Mirror finish anodized reflector
- Anti-glare design to create visual comfort
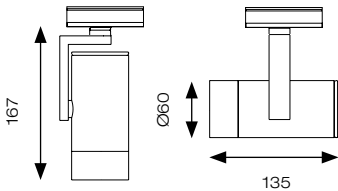- LED lifespan L70 50,000 hours
- Non-dimmable

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HEP

A/3ULEDS1/W

A/3ULEDS1/B

193

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135

Mains Voltage Track Mounted

Mains Surface Monopoint

Code	Lamp	Description	Trade
A/3ULEDS1/W	LED	15W - Cool White - White	**£129.00**
A/3ULEDS1/B	LED	15W - Cool White - Black	**£129.00**
A/3ULEDS1/WW/W	LED	15W - Warm White - White	**£129.00**
A/3ULEDS1/WW/B	LED	15W - Warm White - Black	**£129.00**
Accessories A/3MON/GU10/W		Surface Monopoint - White	**£16.80**
A/3MON/GU10/B		Surface Monopoint - Black	**£16.80**
AUTRA/50/40		50mm 40° Reflector Accessory	**£5.30**

LED Information

Total (Watts)	15W
Lumens Delivered	
Cool White	1202lm
Warm White	1112lm
Lm/W Cool White	80lm
Lm/W Warm White	74lm
Beam Angle	19°
CRI	Ra 90
CCT	4000K
	3000K
Input	230V
Hertz	50/60Hz
Operating Temp	-20°C to 25°C

UK CA   CE   IP20

Project - Kommune
Sheffield, UK

Project - Paper Assist
Dublin, Ireland

Three Circuit Unity 2 LED Mains

Supplied c/w Integral Driver

5YR

- LED trackspot with integral driver
- Three circuit functionality allows for installations with multi-circuit requirement
- Comparable performance to 70W HQI
- 355° rotation with 0-180° tilt on the bracket
- Mirror finish anodized reflector
- Anti-glare design to create visual comfort
- LED lifespan L70 50,000 hours
- Non-dimmable

Ø95
184
103
145

*Suitable for suspension in a closed continuous installation e.g square/rectangular

* Mains Voltage Track Mounted	Mains Surface Monopoint

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A/3ULEDS2/W

A/3ULEDS2/B

LED Information

Total (Watts)	29W
Lumens Delivered	
Cool White	2699lm
Warm White	2497lm
Lm/W Cool White	93lm
Lm/W Warm White	86lm
Beam Angle	40°
CRI	Ra 90
CCT	4000K
	3000K
Input	230V
Hertz	50/60Hz
Operating Temp	-20°C to 25°C

UK CA   CE   IP20

	Code	Lamp	Description	Trade
	A/3ULEDS2/W	LED	29W - Cool White - White	**£183.00**
	A/3ULEDS2/B	LED	29W - Cool White - Black	**£183.00**
	A/3ULEDS2/WW/W	LED	29W - Warm White - White	**£183.00**
	A/3ULEDS2/WW/B	LED	29W - Warm White - Black	**£183.00**
Accessories	A/3MON/GU10/W		Surface Monopoint - White	**£16.80**
	A/3MON/GU10/B		Surface Monopoint - Black	**£16.80**
	AUTRA/80/20		80mm 20° Reflector Accessory	**£9.00**
	AUTRA/80/70		80mm 70° Reflector Accessory	**£9.00**

Three Circuit Unity 3 LED Mains

Supplied c/w Integral Driver

5YR

- LED trackspot with integral driver
- Three circuit functionality allows for installations with multi-circuit requirement
- Comparable performance to 100W HQI
- 355° rotation with 0-180° tilt on the bracket
- Mirror finish anodized reflector
- Anti-glare design to create visual comfort
- LED lifespan L70 50,000 hours
- Non-dimmable

A/3ULEDS3/W

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TRIDONIC
▼ enlightening your ideas

Ø125   188   130   179

*Suitable for suspension in a closed continuous installation e.g square/rectangular

* Mains Voltage Track Mounted	Mains Surface Monopoint

A/3ULEDS3/B

	Code	Lamp	Description	Trade
	A/3ULEDS3/W	LED	37W - Cool White - White	**£233.00**
	A/3ULEDS3/B	LED	37W - Cool White - Black	**£233.00**
	A/3ULEDS3/WW/W	LED	37W - Warm White - White	**£233.00**
	A/3ULEDS3/WW/B	LED	37W - Warm White - Black	**£233.00**
Accessories	**A/3MON/GU10/W**		Surface Monopoint - White	**£16.80**
	A/3MON/GU10/B		Surface Monopoint - Black	**£16.80**
	AUTRA/110/20		110mm 20° Reflector Accessory	**£10.50**
	AUTRA/110/60		110mm 60° Reflector Accessory	**£10.50**

LED Information

Total (Watts)	37W
Lumens Delivered	
Cool White	3239lm
Warm White	2887lm
Cool White Lm/W	88lm
Warm White Lm/W	78lm
Beam Angle	40°
CRI	Ra 90
CCT	4000K
	3000K
Input	230V
Hertz	50/60Hz
Operating Temp	-20°C to 25°C

UKCA CE IP20

Three Circuit Unity 4 LED Mains

Supplied c/w Integral Driver

- LED trackspot with integral driver
- Three circuit functionality allows for installations with multi-circuit requirement
- Comparable performance to 150W HQI
- 355° rotation with 0-180° tilt on the bracket
- Mirror finish anodized reflector
- Powered by Osram
- Anti-glare design to create visual comfort
- LED lifespan L70 50,000 hours
- Non-dimmable

5YR

Ø125 | 211 | 150 | 180

*Suitable for suspension in a closed continuous installation e.g square/rectangular

* Mains Voltage Track Mounted	Mains Surface Monopoint

A/3ULEDS4/W

A/3ULEDS4/B

LED Information

Total (Watts)	42W
Lumens Delivered	
Cool White	3922lm
Warm White	3709lm
Cool White Lm/W	93lm
Warm White Lm/W	88lm
Beam Angle	40°
CRI	Ra 90
CCT	4000K
	3000K
Input	230V
Hertz	50/60Hz
Operating Temp	-20°C to 25°C

UK CA CE ⏚ IP20

	Code	Lamp	Description	Trade
	A/3ULEDS4/W	LED	42W - Cool White - White	**£265.00**
	A/3ULEDS4/B	LED	42W - Cool White - Black	**£265.00**
	A/3ULEDS4/WW/W	LED	42W - Warm White - White	**£265.00**
	A/3ULEDS4/WW/B	LED	42W - Warm White - Black	**£265.00**
Accessories	A/3MON/GU10/W		Surface Monopoint - White	**£16.80**
	A/3MON/GU10/B		Surface Monopoint - Black	**£16.80**
	AUTRA/110/20		110mm 20° Reflector Accessory	**£10.50**
	AUTRA/110/60		110mm 60° Reflector Accessory	**£10.50**

Three Circuit Compass LED Adjustable Projector Mains

Supplied c/w Integral Driver

5YR

- Three circuit adjustable LED track projector
- Ideal for museums and art galleries
- Fully adjustable telescopic lens allows for exhibition framing
- Focus can be adjusted to allow for a softer frame or a sharp clear frame.
- Round, square, rectangular and triangular beam shapes customised via 4 individual controls
- 355° rotation with 0-90° tilt on the bracket
- LED lifespan L70 50,000 hours
- Non-dimmable

328

292

Ø82

Rotate and Tilt

355°   90°

Luminaire Installation Guide

Shape \ Distance	1M	2M	3M	4M
●	Max: Ø 50cm	Max: Ø 110cm	Max: Ø 165cm	Max: Ø 221cm
■	Max: □ 35cmx35cm	Max: □ 75cmx75cm	Max: □ 120cmx120cm	Max: □ 156cmx156cm

* The above shapes and dimensions are measured and sampled while the axis of the Compass LED is precisely vertical to the projected facade

LED Information

Total (Watts)	15W
	19W
Lumens Delivered	
15W	356lm
19W	479lm
Lm/W 15W	24lm
Lm/W 19W	25lm
CRI	Ra 90
CCT	4000K
Input	230V
Hertz	50Hz
Operating Temp	-20°C to 25°C

Code	Lamp	Description	Trade
ACOMAPLED1	LED	15W - Cool White	**£525.00**
ACOMAPLED2	LED	19W - Cool White - High Output	**£578.00**

UK CA   CE   IP20

1 Adjustable
2 Focal Distance

Adjusting the focal distance will increase the sharpness of the light. The distance can be adjusted by moving the screw back and forth, and fixed by tightening the screw

3 Shaping the
Light Output

The shape of the light can be manipulated to create round, square, rectangular and triangular light outputs. This is achieved by altering the 4 flap panels both in and out and left to right, as shown in the diagram above

Three Circuit Legion LED Emergency Trackspot

Supplied c/w Integral Driver and Battery Pack

3YR

Li-Eco 3YR

ALEGLED/B

ALEGLED/W

Emergency Standby

Emergency Operation

- Three circuit non-maintained emergency trackspot
- 3 hour emergency output
- Simply clip onto existing track system for instant emergency lighting solution
- Power and green charge LED are discreetly incorporated within the head
- Available in black and white finishes
- 3.2W LED light source produces 250 lumens
- 105° beam angle

- Must be used in conjunction with the Unity 3 circuit track (see p195-p202)

Please note, this product will not work with single circuit track systems

59

32

85

250

Code	Lamp	Description	Trade
ALEGLED/W	LED	3.2W - Daylight - White	**£70.00**
ALEGLED/B	LED	3.2W - Daylight - Black	**£70.00**
ASBP/27/LI		3.2V 6Ah Li-FePO4 Replacement Battery	**£29.35**

LED Information

Total (Watts)	3.2W
Lumens Delivered	250lm
Lm/W	78lm
Beam Angle	105°
CRI	Ra 70
CCT	6000K
Input	230V
Hertz	50/60Hz
Operating Temp	0°C to 40°C

UK CA   CE   IP20

Unity 0 Surface LED Mains
Supplied c/w Integral Driver

5YR

- Compact surface mounting LED spotlight with integral driver
- True 50W halogen replacement
- 355° rotation with 0-180° tilt on bracket
- Mirror finish anodised reflector
- Anti-glare design for visual comfort
- LED lifespan L70 50,000 hours
- Non-dimmable

ASSULED0/CW/W

ASSULED0/CW/B

70

192

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130

LED Information

Total (Watts)	10W
Lumens Delivered	691lm
Lm/W	69lm
Beam Angle	50°
CRI	Ra 90
CCT	4000K
Input	230V
Hertz	50Hz
Operating Temp	-20°C to 25°C

UK CA CE IP20

	Code	Lamp	Description	Trade
	ASSULED0/CW/W	LED	10W - Cool White - White	**£57.00**
	ASSULED0/CW/B	LED	10W - Cool White - Black	**£57.00**
Accessory	AUTRA/50/40		50mm 40° Reflector Accessory	**£5.30**

Project - Commercial Development
Golborne, UK

Ruby LED

Supplied c/w Integral Driver

- Slim and modern LED pendant with die-cast housing
- White and black paint finish options with white bottom cover
- Suitable for hotel, restaurant and commercial applications
- Exceeds performance of 42W PLC
- LED lifespan L70 50,000 hours
- Triac dimmable as standard

2YR

Powered by

HEP

80

70

adjustable to 1.4 metres

300

60

ARULEDP/WW/W

ARULEDP/WW/B

LED Information

Total (Watts)	15W
Lumens Delivered	1301lm
Lm/W	87lm
CRI	Ra 80
CCT	3000K
Input	230V
Hertz	50Hz
Operating Temp	-20°C to 25°C

UK CA CE ⏚ IP20

Code	Lamp	Description	Trade
ARULEDP/WW/W	LED	15W - Warm White - White	**£77.00**
ARULEDP/WW/B	LED	15W - Warm White - Black	**£77.00**

Secco LED

Supplied c/w Amber Coated LED Filament Lamp

- Die-cast vintage pendant design with soft amber coated glass
- Supplied c/w amber coated G125 LED filament lamp and suspension accessory
- Suitable for residential, hotel or restaurant applications
- Available in black chrome and antique brass finishes
- LED lifespan L70 20,000 hours
- Triac dimmable as standard

ASEC/G125/BLC

ASEC/G125/AB

100

20

adjustable to 1.5 metres

66

178

125

Suspension options

Code	Lamp	Description	Trade
ASEC/G125/BLC	LED	7.5W - Amber Coating - Black Chrome	**£49.30**
ASEC/G125/AB	LED	7.5W - Amber Coating - Antique Brass	**£49.30**

Accessory	**ALED/6W/G125/2500K**	LED Filament Replacement Lamp	**£15.00**

LED Information

Total (Watts)	7.5W
Lumens Delivered	779lm
CRI	Ra 80
CCT	2500K
Input	230V
Hertz	50Hz

Secco LED

Supplied c/w Amber Coated LED Filament Lamp

- Die-cast vintage pendant design with soft amber coated glass
- Supplied c/w amber coated ST64 LED filament lamp and suspension accessory
- Suitable for residential, hotel or restaurant applications
- Available in black chrome and antique brass finishes
- LED lifespan L70 20,000 hours
- Triac dimmable as standard

100
20
adjustable to 1.5 metres
66
140
64

ASEC/ST64/AB

ASEC/ST64/BLC

Suspension options

LED Information

Total (Watts)	7.5W
Lumens Delivered	696lm
CRI	Ra 80
CCT	2500K
Input	230V
Hertz	50Hz

Code	Lamp	Description	Trade
ASEC/ST64/BLC	LED	7.5W - Amber Coating - Black Chrome	**£55.00**
ASEC/ST64/AB	LED	7.5W - Amber Coating - Antique Brass	**£55.00**
Accessory **ALED/6W/ST64/2500K**		LED Filament Replacement Lamp	**£11.15**

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Warrington: +44 (0) 1942 433333
Belfast: +44 (0) 2890 773750

Deco High Bay LED

Supplied c/w Integral Driver

5YR

ADHBLED1/PC

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TRIDONIC
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ADHBLED2/ALU

- Decorative modern LED pendant c/w either polycarbonate refractor or aluminium reflector
- Suitable for industrial, commercial and retail applications
- 41W exceeds performance of 70W HQI
- 96W exceeds performance of 150W HQI
- Matt grey textured powder coated finish
- LED lifespan L70 54,000 hours

205
430
Ø361

LED Information

Total (Watts)	41W	96W
Lumens Delivered		
/ALU	4760lm	10437lm
/PC	4678lm	10375lm
Lm/W		
/ALU	114lm	109lm
/PC	116lm	108lm
Beam Angle		
/PC		68°
/ALU		63°
CRI		Ra 80
CCT		4000K
Input		230V
Hertz		50/60Hz
Operating Temp		-20°C to 25°C

	Code	Lamp	Description	Trade
	ADHBLED1/PC	LED	41W - c/w PC Refractor	**£192.00**
	ADHBLED2/PC	LED	96W - c/w PC Refractor	**£298.00**
	ADHBLED1/ALU	LED	41W - c/w Aluminium Reflector	**£192.00**
	ADHBLED2/ALU	LED	96W - c/w Aluminium Reflector	**£298.00**
Options	**/DD**		Digital dimming (DD1/DD3)	**+ £90.00**
Accessories	**ADHBLED/PC/BC**		PC Bottom Cover (360mm)	**£27.25**
	ADHBLED/SK		Suspension Kit	**£12.35**

UK CA   CE   ⏚   IP20

Hook Mounting installation

Aluminium Die-cast housing providing an ultra modern asthetic design

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▼ enlightening your ideas

Steel sheet metal gear tray.

Intricate design allows heat dispersion upwards through deadicated ventilation holes

Aluminium die-cast heat sink for optimal thermal performance

Lumileds LED array

Textured freznel lens to optimise light output and light uniformity

Aluminium securing ring

Polycarbonate Refractor to achieve overall light distribution

Aluminium Reflector for maximum output efficiency

Bottom cover available for reduced glare and additional light diffusion for food applications

Elite LED

Supplied c/w Integral Driver

- Dual purpose design allows installation in either an uplight or downlight orientation
- Comparable to 2x24W PL-L
- Adjustable tiltable installation bracket
- LED lifespan L70 50,000 hours
- Triac dimmable as standard

140
270
36
175

Adjustable tiltable installation bracket

LED Information

Total (Watts)	33W
Lumens Delivered	
Cool White	2549lm
Warm White	2122lm
Lm/W	
Cool White	77lm
Warm White	64lm
Beam Angle	75°
CRI	Ra 90
CCT	4000K
	3000K
Input	230V
Hertz	50Hz
Operating Temp -20°C to 25°C	

Code	Lamp	Description	Trade
AELLED/WL/CW	LED	33W - Cool White	**£202.00**
AELLED/WL/WW	LED	33W - Warm White	**£202.00**

UK CA CE IP20

Duo LED
Supplied c/w Integral Driver

3YR

- Feature wall light with bi-directional light distribution
- Die-cast aluminium wall fixture
- DuPont polyester powder coating
- LED lifespan L70 50,000 hours
- Triac dimmable as standard

103

90

135

169.7

LED Information

Total (Watts)	10W
Lumens Delivered	582lm
Lm/W	58lm
CRI	Ra 80
CCT	3000K
Input	230V
Hertz	50/60Hz
Operating Temp	-10°C to 25°C

UK CA CE ☐ **IP20**

Light Distribution

Code	Lamp	Description	Trade
ADULED/W	LED	10W - Warm White	**£75.50**

Mitre LED
Supplied c/w Integral Driver

- Modern LED wall light with choice of 3 cover finishes
- Unique design creates even distribution of upward and downward light
- White, oak and walnut cover finishes available
- LED lifespan L70 30,000 hours
- Triac dimmable as standard

White

Oak

Walnut

370

6

95

68

150

	Code	Lamp	Description	Trade
Base	AFAMIWL/BASE	LED	9W - Warm White	**£97.50**
Covers	AMIFC/W		Front Cover - White	**£33.15**
	AMIFC/OAK		Front Cover - Oak	**£30.70**
	AMIFC/WAL		Front Cover - Walnut	**£30.70**

LED Information

Total (Watts)	9W
Lumens Delivered	680lm
Lm/W	76lm
CRI	Ra 90
CCT	3000K
Input	220V-240V
Hertz	50/60Hz
Operating Temp	-10°C to 30°C

UK CA   CE   IP20

Fascia LED
Supplied c/w Integral Driver

- Modern LED wall light with choice of 3 cover finishes
- Unique design creates even distribution of upward and downward light
- White, oak and walnut cover finishes available
- LED lifespan L70 30,000 hours
- Triac dimmable as standard

White

Oak

Walnut

LED Information

Total (Watts)	9W
Lumens Delivered	680lm
Lm/W	76lm
CRI	Ra 90
CCT	3000K
Input	220V-240V
Hertz	50/60Hz
Operating Temp	-10°C to 30°C

UK CA CE IP20

	Code	Lamp	Description	Trade
Base	AFAMIWL/BASE	LED	9W - Warm White	**£97.50**
Covers	AFAFC/W		Front Cover - White	**£25.95**
	AFAFC/OAK		Front Cover - Oak	**£22.40**
	AFAFC/WAL		Front Cover - Walnut	**£22.40**

Facet LED
c/w Integral Driver

2YR

AFWLED/W

AFWLED/SC

- Surface bi-directional wall light providing vivid angled distribution
- Aluminium construction with an option of matt white or polished satin chrome finishes
- LED lifespan L70 30,000 hours
- Non-dimmable

100

60

100

LED Information

Total (Watts)	6.5W
Lumens Delivered	183lm
Lm/W	46lm
CRI	Ra 93
CCT	3000K
Input	230V
Hertz	50/60Hz
Operating Temp	-20°C to 45°C

UK CA CE IP20

Code	Lamp	Description	Trade
AFWLED/W	LED	6.5W Warm White - White	**£88.00**
AFWLED/SC	LED	6.5W Warm White - Satin Chrome	**£99.00**

Spectrum LED Gooseneck Wall Light

Supplied c/w Integral Driver

2YR

- Gooseneck LED switched reading light
- Die-cast aluminium body with integral driver
- LED lifespan L70 60,000 hours
- Non-dimmable

28

35.5

318.5

81

LED Information

Total (Watts)	2W
Lumens Delivered	29lm
Lm/W	15lm
CRI	Ra 80
CCT	3000K
Input	230V
Hertz	50/60Hz
Operating Temp	-10°C to 30°C

UK CA   CE   IP20

Code	Lamp	Description	Trade
ASPGN/1LED/WHI	LED	2W Warm White - Satin Silver	**£80.50**

LED Drivers
Constant Voltage Non-Dimmable

Constant Voltage 12V

AD30W/12V

AD75W/12V

Constant Voltage 24V / 48V

ADK15W/24V

ADK60W/24V

ADK120W/24V

ADK200W/24V

ADK320W/24V

- Constant voltage non-dimmable drivers for 12V and 24V LED applications
- Thermal, short circuit and overload protection

	Code	Description	A	B	C	Trade
12V	AD30W/12V	30W	166	24	52	**£17.45**
	AD75W/12V	75W	180	30	52	**£36.25**
24V	ADK15W/24V	15W	123	45	19	**£11.75**
	ADK60W/24V	60W	180	52	36	**£27.30**
	ADK120W/24V	120W	300	40	30	**£35.25**
	ADK200W/24V	200W	207	37	68.5	**£82.50**
	ADK320W/24V	320W	249	40	70	**£220.00**

A = Length   **B** = Height   **C** = Width

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ADK200W/24V
ADK320W/24V

- Constant current non-dimmable drivers for 350mA and 700mA LED applications
- Thermal, short circuit and overload protection

Constant Current 350mA

AD3W/350

AD9W/350

ADK20W/350

Constant Current 700mA

AD3W/700

ADK12W/700

ADK20W/700

	Code	Description	A	B	C	Trade
350mA	AD3W/350	1-3W 350mA	56	20	39	£16.80
	AD9W/350	1-9W 350mA	85	22	40	£19.95
	ADK20W/350	6W-20W 350mA	123	45	19	£14.45
700mA	AD3W/700	1-3W 700mA	56	20	39	£18.00
	ADK12W/700	3W-12W 700mA	123	45	19	£13.10
	ADK20W/700	6W-20W 700mA	123	45	19	£14.45

A = Length **B** = Height **C** = Width

LED Triac Dimmable Drivers

Triac Dimmable 12V

ADDIM50W/12V

ADDIM100W/12V

Triac Dimmable 24V

ADDIM50W/24V

ADDIM100W/24V

ADDIM200W/24V

	Code	Description	A	B	C	D	Trade
12V	ADDIM50W/12V	50W	166	24	52	174	£43.95
	ADDIM100W/12V	100W	210	34	67	220	£100.00
24V	ADDIM50W/24V	50W	166	24	52	174	£45.00
	ADDIM100W/24V	100W	210	34	67	220	£105.00
	ADDIM200W/24V	200W	249	40	72	235	£182.00

A = Length **B** = Height **C** = Width **D** = Fixing Centres

12V LED 1-10V, Switch Dim and DALI Dimmable Driver

ADDIM75W/12V

Code	Description	A	B	C	D	Trade
ADDIM75W/12V	75W	220	42	58	190	£93.00

A = Length **B** = Height **C** = Width **D** = Fixing Centres

---

12V LED Dimmable Drivers

- 12V dimmable drivers
- 0-100% dimming range
- Suitable for dimming 12V LED Flexible Strip
- Please note, not compatible for RGB use

24V LED Dimmable Drivers

- 24V dimmable drivers
- 0-100% dimming range
- Suitable for dimming 24V LED Flexible Strip
- Please note, not compatible for RGB, RGBW and TW use

UK CA CE □ IP20 IP67

ADDIM200W/24V

- 12V dimmable driver with minimum value dimming adjustment feature
- 0-100% dimming range
- Suitable for dimming 12V LED Flexible Strip
- Loop-in, loop-out terminals for ease of installation
- Please note, not compatible for RGB use

Terminals and dimming adjustment

UK CA CE ⊕ IP20

Multi-current and Voltage Dimmable

- Multi-current and multi-voltage dimmable LED drivers
- Integral dip-switch allows selection of the output required
- Dimming options Dimming options 1-10V, Push Dim and DALI2
- Thermal, short circuit and overload protection

ADDIM/30/MC

Terminals and dip-switch selection

Code	300mA	350mA	400mA	450mA	500mA	550mA
ADDIM/30/MC	3-17W	3-20W	4-23W	4-26W	5-29W	5-30W

600mA	650mA	700mA	750mA	800mA	850mA	900mA
6-30W	6-30W	7-30W	7-30W	8-30W	8-30W	9-30W

ADDIM/50/MC

Code	700mA	800mA	900mA	1050mA	1200mA	1300mA	1400mA
ADDIM/50/MC	7-40W	8-46W	9-50W	10-50W	11-50W	10-38W	13-50W

Code	Description	A	B	C	D	Trade
ADDIM/30/MC	30W	103	22	67	94	**£44.00**
ADDIM/50/MC	50W	123	24	79	111	**£52.50**

A = Length   **B** = Height   **C** = Width   **D** = Fixing Centres

UK CA CE IP20

Aluminium Profiles for LED Strip
(Supplied Less LED Strip)

AALU/SP/CO

Clear Diffuser Fitted

Opal Diffuser Fitted

Each profile supplied with

2 x Flat End Cap

2 x Wire Entry End Cap

6 x Fixing Clip

AALU/AP/CO

Clear Diffuser Fitted

Opal Diffuser Fitted

Each profile supplied with

2 x Flat End Cap

2 x Wire Entry End Cap

6 x Fixing Clip

AALU/RP/CO

Clear Diffuser Fitted

Opal Diffuser Fitted

Each profile supplied with

2 x Flat End Cap

2 x Wire Entry End Cap

6 x Fixing Clip

- High quality anodised aluminium profiles for installation with Boa, Krait, Adder, Cobra, Python, Viper and Mamba Ansell LED tapes
- Installation of profiles provide a professional finish to installation and enhances LED chip life through optimised heat dissipation
- Supplied with clear and opal diffusers
- Profiles and diffusers supplied in 2 metre lengths (easily cut to length by installer)
- Two end cap styles and fixing clips supplied with each profile length

14.7
12.5
17.3

Surface Extension

18.1
12.5

Angled Extension

25
12.3
15

Recessed Extension

	Code	Description	Trade
Surface	**AALU/SP/CO**	2 Metre Surface Extension	**£42.55**
Angled	**AALU/AP/CO**	2 Metre Angled Extension	**£42.55**
Recessed	**AALU/RP/CO**	2 Metre Recessed Extension	**£42.55**

UK CA CE IP20

Project - Trimmers Salon
Liverpool, UK

LED Strip Made Easy...

Step 1:

Peel the adhesive back from the LED strip and place down on a clean and even surface, ensuring the entire length is firmly stuck down.

Step 2:

Utilising the plug and play connections, connect the end of the LED strip run to a mains lead **(sold separately).**

Step 3:

Connect the mains lead to your LED driver (the driver will depend on the length of LED strip being installed **(sold separately)** and ensure the LED driver is connected to the mains.

Step 4:

Switch on the power and enjoy your new LED strip lighting.

No Tools Required

All of our LED strip ranges are supplied with a self-adhesive back, meaning no adhesive or fixings are required to apply the strip to clean dry surfaces. Additionally all strips are fitted with plug-and-play connections, so no soldering or tools are needed, further aiding in a quick and easy installation.

Pre-Cut Lengths

Strip comes in various pre-cut lengths from 100mm to 5 metres, offering complete versatility and ensuring a quick and easy installation. This coupled with designated cutting points allows total flexibility for every installation.

Complete Customisation

The vast range of different strip options are complimented by an equally impressive selection of accessories. Our comprehensive range of connector options allow an easy installation for even the most complex of configurations.

Connected

OCTO 12-24V bluetooth smart controller provides users with options for RGBW, RGB, tunable white and single colour. Settings are easily commissioned by a smart device via the OCTO app, this includes full control, dimming, scene setting and pre-set timers.

LED Strip Calculator

Our online LED strip calculator simplifies the process of choosing the correct strip and accessories for any job, no matter how big or small. The easy step-by-step process covers all aspects of selecting and ordering the correct products.

Simply run through your specification requirements and the calculator will work out all of the necessary parts you require. Add any accessories you will need and you are good to go. The calculator will produce a downloadable summary of everything you will need to order.

Visit **www.anselluk.com** to find out more...

Warrington: +44 (0) 1942 433333
Belfast: +44 (0) 2890 773750

24V LED Strip

Our new 24V high-efficiency LED strip ranges, Boa and Krait, achieve incredibly high lumen outputs whilst reducing energy consumption. Utilising 2835 and 5050 LED chip technology, these run at the lowest possible current, resulting in minimum heat generation and therefore increasing overall efficiency. With additions of RGBW and tunable white, the range ensures any commercial application can be kitted out to ensure total colour and comfort.

Krait 24V 7.2W per Metre LED (p228-p229)

Highly efficient, lower lumens (600-700 Lm/M), twinned with uniform output across 10m runs, the Krait LED subtly highlights any commercial space. Highlighting display or feature pieces in retail, the Krait range is used by professional designers and lighting experts.

Suitable for use in

Retail and Commercial Applications
General ambience lighting and small retail premises

Residential Applications
Inside coving, small bedrooms and living spaces

Hotel Applications
Corridor lighting, hotel room ambience light

Boa 24V LED 14.4W per Metre (p230-p231)

High output (1200 Lm/M), with the option to dim or use our OCTO Smart Bluetooth controls, Boa LED strip is perfectly suited for any application. Offering maximum output pound-for-pound, the high brightness strip offers dynamic effects and uniformity across longer runs. High quality LED chips with a colour rendering index (CRI) value of Ra90 ensures highly accurate colour and consistency; perfect for setting that ideal ambiance in hospitality and retail.

All of this combined with the punchy output and high lumen per watt performance, enables Boa's use as a primary light source in domestic or commercial premises.

Suitable for use in

Retail and Commercial Applications
Large open showrooms and retail premises

Residential Applications
Inside coving and large open living areas

Hotel Applications
Reception areas. dining areas and large open spaces

24V LED Strip Accessories

- **Joints**

  Easy fast-fit range of plug-in connections

- **ACLED/RC/TOUCH**

  Visible colour spectrum for easy finger touch control. Memory function for colour, mode, speed and brightness. RF up to a maximum of 20 metres
  Only Compatible with RGB LED strip Not compatible with Tunable White or RGBW

- **ACLED/AMP/TOUCH**

  RGB Amplifier (Repeater) for use with ACLED/RC/TOUCH. Repeater(s) can be added to synchronise larger installations

- **AOCTO/RGBW/BTC**

  12-24V Bluetooth smart controller.
  Max. Wattage
  72W - 12V
  144W - 24V
  Compatible with all single CCT, Tunable white, RGB and RGBW

ACLED/90B ACLED/XC ACLED/AMP/TOUCH ACLED/RC/TOUCH AMLED/LC

ACLED/TC ACLED/90/FB ABOLED/RC/RGBW ABOLED/RC/TW AOCTO/RGBW/BTC

Link Lead Connection

Code	Description	Trade
ACLED/90B	90° Bend	**£2.65**
ACLED/90/FB	90° Flat Bend	**£4.50**
ACLED/TC	T Connector	**£2.30**
ACLED/XC	X Connector	**£2.85**
ACLED100/LL	100mm Link Lead (White and RGB)	**£2.70**
ACLED500/LL	500mm Link Lead (White and RGB)	**£2.85**
ACLED1000/LL	1000mm Link Lead (White and RGB)	**£5.70**
ACLED/ML	1000mm Mains Lead	**£5.90**
ACLED/ML/RGB	1000mm Mains Lead RGB	**£5.90**
ABOLED/ML/TW	1000mm Mains Lead	**£5.55**
ABOLED/ML/RGBW	1000mm Mains Lead RGB	**£5.55**
ACLED/RC/TOUCH	Touch RGB RF Remote Control	**£39.30**
ABOLED/RC/RGBW	Touch RGBW RF Remote Control	**£51.00**
ABOLED/RC/TW	Touch TW RF Remote Control	**£48.50**
ACLED/AMP/TOUCH	Touch RGB Amplifier (Repeater)	**£38.85**
ABOLED/AMP/RGBW	Touch RGBW RF Amplifier (Repeater)	**£31.55**
ABOLED/AMP/TW	Touch TW RF Amplifier (Repeater)	**£31.55**
AMLED/LC	Flexible Quick-fit Joint	**£4.00**
ABOLED/LC/RGBW	500mm Link Lead (RGBW)	**£2.60**
AOCTO/RGBW/BTC	12 - 24V Single CCT/RGBW Controller	**£222.00**
Accessories ADK60W/24V	60W 24V Constant Voltage Driver	**£27.30**
ADK120W/24V	120W 24V Constant Voltage Driver	**£35.25**
ADK200W/24V	200W 24V Constant Voltage Driver	**£82.50**
ADK320W/24V	320W 24V Constant Voltage Driver	**£220.00**

UK CA CE IP20

Krait 24V LED Plug and Play Flexible Strip

7.2W per Metre

Supplied Less Driver

Krait 24V LED Plug and Play Flexible Strip `7.2W per Metre`

Supplied Less Driver

- 24V input offers greater efficiencies and option of longer LED strip sizes
- Single colour, RGB, RGBW and tunable white flexible LED strip with self-adhesive back
- Fast fit plug and play connections remove the need for time consuming soldering of joints
- Cutting points: 3000K, 4000K: 100mm RGB, RGBW and Tunable: 167mm (only if required)
- Joint and connection accessories sold separately
- LED lifespan L80 60,000 hours

- Dimmable with LED driver ADDIM50W/24V ADDIM100W/24V ADDIM200W/24V (see p220 for drivers)

Accessories

- All 24V LED strip accessories listed on p227

Plug and Play connection

Cutting Point

LED Information

Total (Watts)	7.2W per metre
Lumens Delivered per metre	
Cool White	734lm
Warm White	720lm
Lm/W Cool White	102lm
Lm/W Warm White	100lm
CRI	Ra 90
CCT	4000K
	3000K
	RGB
Input	24V

Cool White

Warm White

Tunable White

RGB

Code	Lamp	Description	Trade
AKRLED/1000/CW	LED	1 Metre - Cool White	£17.00
AKRLED/1000/WW	LED	1 Metre - Warm White	£17.00
AKRLED/1000/RGB	LED	1 Metre - RGB	£18.75
AKRLED/1000/RGBW	LED	1 Metre - RGBW	£22.05
AKRLED/1000/TW	LED	1 Metre - Tunable White	£18.75
AKRLED/2000/CW	LED	2 Metre - Cool White	£27.00
AKRLED/2000/WW	LED	2 Metre - Warm White	£27.00
AKRLED/2000/RGB	LED	2 Metre - RGB	£29.30
AKRLED/2000/RGBW	LED	2 Metre - RGBW	£35.05
AKRLED/2000/TW	LED	2 Metre - Tunable White	£29.30
AKRLED/5000/CW	LED	5 Metre - Cool White	£52.50
AKRLED/5000/WW	LED	5 Metre - Warm White	£52.50
AKRLED/5000/RGB	LED	5 Metre - RGB	£56.00
AKRLED/5000/RGBW	LED	5 Metre - RGBW	£68.50
AKRLED/5000/TW	LED	5 Metre - Tunable White	£56.00

Boa 24V LED Plug and Play Flexible Strip 14.4W per Metre

Supplied Less Driver

3YR

Cool White

Warm White

3000K   5500K

Tunable White

RGB

- 24V input offers greater efficiencies and option of longer LED strip sizes
- Single colour, RGB, RGBW and tunable white flexible LED strip with self-adhesive back
- Fast fit plug and play connections remove the need for time consuming soldering of joints
- Cutting points:
  3000K, 4000K: 50mm
  RGB, RGBW and Tunable: 100mm (only if required)
- Joint and connection accessories sold separately
- LED lifespan L70 40,000 hours

- Dimmable with LED driver
  ADDIM50W/24V
  ADDIM100W/24V
  ADDIM200W/24V
  (see p220 for drivers)

Accessories

- All 24V LED strip accessories listed on p227

Plug and Play connection

Cutting Point

Code	Lamp	Description	Trade
ABOLED/100/CW	LED	100mm - Cool White	£4.50
ABOLED/100/WW	LED	100mm - Warm White	£4.50
ABOLED/100/RGB	LED	100mm - RGB	£5.05
ABOLED/100/RGBW	LED	100mm - RGBW	£5.80
ABOLED/100/TW	LED	100mm - Tunable White	£5.05
ABOLED/300/CW	LED	300mm - Cool White	£9.35
ABOLED/300/WW	LED	300mm - Warm White	£9.35
ABOLED/300/RGB	LED	300mm - RGB	£10.40
ABOLED/300/RGBW	LED	300mm - RGBW	£12.25
ABOLED/300/TW	LED	300mm - Tunable White	£10.40
ABOLED/500/CW	LED	500mm - Cool White	£14.10
ABOLED/500/WW	LED	500mm - Warm White	£14.10
ABOLED/500/RGB	LED	500mm - RGB	£15.75
ABOLED/500/RGBW	LED	500mm - RGBW	£18.25
ABOLED/500/TW	LED	500mm - Tunable White	£15.75

LED Information

Total (Watts)	14.4W per metre
Lumens Delivered per metre	
Cool White	1478lm
Warm White	1368lm
Lm/W Cool White	102lm
Lm/W Warm White	95lm
CRI	Ra 90
CCT	4000K
	3000K
	Tunable White
	RGB
	RGBW
Input	24V

UK CA   CE   III   IP20

Boa 24V LED Plug and Play Flexible Strip

14.4W per Metre
Supplied Less Driver

- 24V input offers greater efficiencies and option of longer LED strip sizes
- Single colour, RGB, RGBW and tunable white flexible LED strip with self-adhesive back
- Fast fit plug and play connections remove the need for time consuming soldering of joints
- Cutting points:
  3000K, 4000K: 50mm
  RGB, RGBW and Tunable: 100mm (only if required)
- Joint and connection accessories sold separately
- LED lifespan L70 40,000 hours

- Dimmable with LED driver
  ADDIM50W/24V
  ADDIM100W/24V
  ADDIM200W/24V
  (see p220 for drivers)

Accessories

- All 24V LED strip accessories listed on p227

Plug and Play connection

Cutting Point

LED Information

Total (Watts)	14.4W per metre
Lumens Delivered per metre	
Cool White	1478lm
Warm White	1368lm
Lm/W Cool White	102lm
Lm/W Warm White	95lm
CRI	Ra 90
CCT	4000K
	3000K
	Tunable White
	RGB
	RGBW
Input	24V

Cool White

Warm White

Tunable White

3000K — 5500K

RGB

Code	Lamp	Description	Trade
ABOLED/1000/CW	LED	1 Metre - Cool White	£26.80
ABOLED/1000/WW	LED	1 Metre - Warm White	£26.80
ABOLED/1000/RGB	LED	1 Metre - RGB	£29.35
ABOLED/1000/RGBW	LED	1 Metre - RGBW	£34.75
ABOLED/1000/TW	LED	1 Metre - Tunable White	£29.35
ABOLED/2000/CW	LED	2 Metre - Cool White	£45.80
ABOLED/2000/WW	LED	2 Metre - Warm White	£45.80
ABOLED/2000/RGB	LED	2 Metre - RGB	£50.50
ABOLED/2000/RGBW	LED	2 Metre - RGBW	£59.00
ABOLED/2000/TW	LED	2 Metre - Tunable White	£50.50
ABOLED/5000/CW	LED	5 Metre - Cool White	£108.00
ABOLED/5000/WW	LED	5 Metre - Warm White	£108.00
ABOLED/5000/RGB	LED	5 Metre - RGB	£119.00
ABOLED/5000/RGBW	LED	5 Metre - RGBW	£146.00
ABOLED/5000/TW	LED	5 Metre - Tunable White	£119.00

UK CA CE IP20

3YR

12V LED Strip

Our super reliable, trusted 12V LED strip ranges, Cobra and Adder, are an installers dream. Solder free, plug and play connections across the family ensures the ranges are easily installed with no mess or waste. High and low output versions and a range of accessories and LED drivers to suit ensure you will be able to find the perfect basket of products for any shape or size kitchen or living space.

Adder 12V 7.2W per Metre LED

The Adder LED strip is the perfect solution for achieving the subtle accent lighting in any dwelling. The low output (around 500 Lm/M) allows the install to combine form and function; installing discreetly under kitchen cabinets, coving or kickboards in kitchens.

Suitable for use in

Residential Applications
Inside coving, small bedrooms and living spaces

Cobra 12V LED 14.4W per Metre

Slim profile, high output (1,000 Lm/M), easy to install utilising the self-adhesive back or in an extrusion, Cobra LED offers the versatility to be either your main light source or accent lighting at home.

Suitable for use in

Residential Applications
Inside coving and large open living areas

- **Joints**

  Easy fast-fit range of plug-in connections

ACLED/90B

ACLED/TC

ACLED/XC

- **ACLED/RC/TOUCH**

  Visible colour spectrum for easy finger touch control. Memory function for colour, mode, speed and brightness. RF up to a maximum of 20 metres
  Only Compatible with RGB LED strip Not compatible with Tunable White or RGBW

AMLED/LC

ACLED/90/FB

ACLED/AMP/TOUCH

- **ACLED/AMP/TOUCH**

  RGB Amplifier (Repeater) for use with ACLED/RC/TOUCH. Repeater(s) can be added to synchronise larger installations

ACLED/RC/TOUCH

AOCTO/RGBW/BTC

- **AOCTO/RGBW/BTC**

  12-24V Bluetooth smart controller.
  Max. Wattage
  72W - 12V
  144W - 24V
  Compatible with all single CCT, Tunable white, RGB and RGBW

	Code	Description	Trade
	ACLED/90B	90° Bend	**£2.65**
	ACLED/90/FB	90° Flat Bend	**£4.50**
	ACLED/TC	T Connector	**£2.30**
	ACLED/XC	X Connector	**£2.85**
	ACLED100/LL	100mm Link Lead (White and RGB)	**£2.70**
	ACLED500/LL	500mm Link Lead (White and RGB)	**£2.85**
	ACLED1000/LL	1000mm Link Lead (White and RGB)	**£5.70**
	ACLED/ML	1000mm Mains Lead	**£5.90**
	ACLED/ML/RGB	1000mm Mains Lead RGB	**£5.90**
	ACLED/RC/TOUCH	Touch RGB RF Remote Control	**£39.30**
	ACLED/AMP/TOUCH	Touch RGB Amplifier (Repeater)	**£38.85**
	AMLED/LC	Flexible Quick-fit Joint	**£4.00**
	AOCTO/RGBW/BTC	12 - 24V Single CCT/RGBW Controller	**£222.00**
Accessories	**AD30W/12V**	30W 12V Constant Voltage Driver	**£17.45**
	AD75W/12V	75W 12V Constant Voltage Driver	**£36.25**
	ADDIM75W/12V	75W 12V Dimmable (1-10V or Switch Dim)	**£93.00**

Link Lead Connection

Adder 12V LED Plug and Play Flexible Strip **7.2W per Metre**
Supplied Less Driver

Cool White

Warm White

RGB

- Single colour and RGB flexible LED strip with self-adhesive back
- Fast fit plug and play connections remove the need for time consuming soldering of joints
- Cutting points every 100mm (only if required)
- Joint and connection accessories sold separately
- Voltage drop of 1.5V per 5 metres
- LED lifespan L70 40,000 hours

- Dimmable with LED driver ADDIM50W/12V ADDIM75W/12V ADDIM100W/12V (see p220 for drivers)

Accessories

- All 12V LED strip accessories listed on p233

Plug and Play connection

Cutting Point

Code	Lamp	Description	Trade
AADLED/100/CW	LED	100mm - Cool White	£3.15
AADLED/100/WW	LED	100mm - Warm White	£3.15
AADLED/100/RGB	LED	100mm - RGB	£3.25
AADLED/300/CW	LED	300mm - Cool White	£7.60
AADLED/300/WW	LED	300mm - Warm White	£7.60
AADLED/300/RGB	LED	300mm - RGB	£8.30
AADLED/500/CW	LED	500mm - Cool White	£10.60
AADLED/500/WW	LED	500mm - Warm White	£10.60
AADLED/500/RGB	LED	500mm - RGB	£11.70

LED Information

Total (Watts)	7.2W per metre
Lumens Delivered per metre	
Cool White	520lm
Warm White	495lm
Lm/W Cool White	80lm
Lm/W Warm White	75lm
CRI	Ra 80
CCT	4000K
	3000K
	RGB
Input	12V

Adder 12V LED Plug and Play Flexible Strip 7.2W per Metre

Supplied Less Driver

- Single colour and RGB flexible LED strip with self-adhesive back
- Fast fit plug and play connections remove the need for time consuming soldering of joints
- Cutting points every 100mm (only if required)
- Joint and connection accessories sold separately
- Voltage drop of 1.5V per 5 metres
- LED lifespan L70 40,000 hours

- Dimmable with LED driver ADDIM50W/12V ADDIM75W/12V ADDIM100W/12V (see p220 for drivers)

Accessories

- All 12V LED strip accessories listed on p233

Plug and Play connection

Cutting Point

LED Information

Total (Watts)	7.2W per metre
Lumens Delivered per metre	
Cool White	520lm
Warm White	495lm
Lm/W Cool White	80lm
Lm/W Warm White	75lm
CRI	Ra 80
CCT	4000K
	3000K
	RGB
Input	12V

Cool White

Warm White

RGB

Code	Lamp	Description	Trade
AADLED/1000/CW	LED	1 Metre - Cool White	£18.20
AADLED/1000/WW	LED	1 Metre - Warm White	£18.20
AADLED/1000/RGB	LED	1 Metre - RGB	£20.05
AADLED/2000/CW	LED	2 Metre - Cool White	£28.95
AADLED/2000/WW	LED	2 Metre - Warm White	£28.95
AADLED/2000/RGB	LED	2 Metre - RGB	£31.30
AADLED/5000/CW	LED	5 Metre - Cool White	£56.00
AADLED/5000/WW	LED	5 Metre - Warm White	£56.00
AADLED/5000/RGB	LED	5 Metre - RGB	£59.50

Cobra 12V LED Plug and Play Flexible Strip 14.4W per Metre
Supplied Less Driver

3YR

Cool White

Warm White

RGB

- High density (brightness) single colour and RGB flexible LED strip with self-adhesive back
- Fast fit plug and play connections remove the need for time consuming soldering of joints
- Cutting points every 50mm (only if required)
- Joint and connection accessories sold separately
- Voltage drop of 1.5V per 5 metres
- LED lifespan L70 40,000 hours

- Dimmable with LED driver ADDIM50W/12V ADDIM75W/12V ADDIM100W/12V (see p220 for drivers)

Accessories

- All 12V LED strip accessories listed on p233

Plug and Play connection

Cutting Point

Code	Lamp	Description	Trade
ACLED/100/CW	LED	100mm - Cool White	£4.80
ACLED/100/WW	LED	100mm - Warm White	£4.80
ACLED/100/RGB	LED	100mm - RGB	£5.40
ACLED/300/CW	LED	300mm - Cool White	£10.10
ACLED/300/WW	LED	300mm - Warm White	£10.10
ACLED/300/RGB	LED	300mm - RGB	£11.10
ACLED/500/CW	LED	500mm - Cool White	£15.10
ACLED/500/WW	LED	500mm - Warm White	£15.10
ACLED/500/RGB	LED	500mm - RGB	£16.90

LED Information

Total (Watts)	14.4W per metre
Lumens Delivered per metre	
Cool White	1000lm
Warm White	950lm
Lm/W Cool White	76lm
Lm/W Warm White	73lm
CRI	Ra 80
CCT	4000K
	3000K
	RGB
Input	12V

UK CA CE IP20

Cobra 12V LED Plug and Play Flexible Strip 14.4W per Metre
Supplied Less Driver

- Single colour and RGB flexible LED strip with self-adhesive back
- Fast fit plug and play connections remove the need for time consuming soldering of joints
- Cutting points every 100mm (only if required)
- Joint and connection accessories sold separately
- Voltage drop of 1.5V per 5 metres
- LED lifespan L70 40,000 hours

- Dimmable with LED driver ADDIM50W/12V ADDIM75W/12V ADDIM100W/12V (see p220 for drivers)

Accessories

- All 12V LED strip accessories listed on p233

Plug and Play connection

Cutting Point

Cool White

Warm White

RGB

LED Information

Total (Watts)	14.4W per metre
Lumens Delivered per metre	
Cool White	1000lm
Warm White	950lm
Lm/W Cool White	76lm
Lm/W Warm White	73lm
CRI	Ra 80
CCT	4000K
	3000K
	RGB
Input	12V

UK CA CE IP20

Code	Lamp	Description	Trade
ACLED/1000/CW	LED	1 Metre - Cool White	**£28.65**
ACLED/1000/WW	LED	1 Metre - Warm White	**£28.65**
ACLED/1000/RGB	LED	1 Metre - RGB	**£31.35**
ACLED/2000/CW	LED	2 Metre - Cool White	**£49.05**
ACLED/2000/WW	LED	2 Metre - Warm White	**£49.05**
ACLED/2000/RGB	LED	2 Metre - RGB	**£54.00**
ACLED/5000/CW	LED	5 Metre - Cool White	**£115.00**
ACLED/5000/WW	LED	5 Metre - Warm White	**£115.00**
ACLED/5000/RGB	LED	5 Metre - RGB	**£129.00**

Python White Flexible LED Strip Kits

Supplied c/w Integral Driver

3YR

- 5 metre flexible strip kit with self-adhesive back
- Only suitable for semi commercial applications
- Flexible quick-fit joint included
- Fast and easy-fit plug and play connection from driver to LED strip
- Cutting point every 80mm
- 6W per metre
- LED lifespan L70 20,000 hours

Each Kit Includes:-

LED Driver

Plug-in Connection from Strip to Driver

5M Strip

Flexible Quick-Fit Joint

LED Information

Total (Watts)	30W
Delivered Lumens	
Cool White	1800lm
Warm White	1600lm
Lm/W Cool White	80lm
Lm/W Warm White	75lm
CCT	4000K
	3000K
Input	230V
Hertz	50/60Hz
Operating Temp	-20°C to 45°C

Code	Lamp	Description	Trade
APYLED/KIT/CW	LED	5M 30W LED Strip Kit - Cool White	**£53.50**
APYLED/KIT/WW	LED	5M 30W LED Strip Kit - Warm White	**£53.50**
Accessory	**AMLED/LC**	Flexible Quick-fit Joint	**£4.00**

UK CA CE ▢ **IP20**

Viper RGB Flexible LED Strip Kit

- 5 metre RGB flexible strip kit with self-adhesive back
- Only suitable for semi commercial applications
- Flexible quick-fit joint included
- Easy fit plug and play connection
- Cutting point every 100mm
- 7.2W per metre
- LED lifespan L70 25,000 hours

LED Information

Total (Watts)	36W
CCT	RGB
Input	230V
Hertz	50/60Hz
Operating Temp	-20°C to 45°C

UK CA CE ☐ **IP20**

Each Kit Includes:-

5M RGB Strip   IR Controller   Power Supply   Receiver

Flexible Quick-Fit Joint

	Code	Lamp	Description	Trade
	AVLED/KIT	LED	5M 36W RGB LED Strip Kit	**£67.50**
Accessory	**AMLED/LC**		Flexible Quick-fit Joint	**£4.00**

Warrington: +44 (0) 1942 433333
Belfast: +44 (0) 2890 773750

Mamba Tunable White Flexible LED Strip Kit

3YR

- 5 metre flexible strip kit with self-adhesive back
- Only suitable for semi commercial applications
- Flexible quick-fit joint included
- Tunable white between 2500K and 6500K colour temperatures
- Adjustable brightness
- Easy fit plug and play connection
- Cutting point every 55mm
- 6W per metre
- LED lifespan L70 25,000 hours

Each Kit Includes:-

5M Tunable Strip   IR Controller   Power Supply   Receiver

Flexible Quick-Fit Joint

Code	Lamp	Description	Trade
AMLED/KIT/TUNE	LED	5M 30W Tunable White LED Strip Kit	**£86.00**
Accessory **AMLED/LC**		Flexible Quick-fit Joint	**£4.00**

LED Information

Total (Watts)	30W
CCT	2500K to 6500K
Input	230V
Hertz	50/60Hz
Operating Temp	-20°C to 45°C

UK CA CE □ **IP20**

Concho

IP65 AC LED
FLEXIBLE LIGHTING

NO DRIVER REQUIRED
- For ease and speed of installation
- No management costs

HIGH OUTPUT LED
- 1000lm per metre Warm White
- 1100lm per metre Cool White
- 100lm/W

MAINTENANCE FREE LED

INSTALLATION LENGTH
- Ultra long runs
- 50 metres cool white and warm white
- 30 metres RGB

OPTICALLY CLEAR THERMOPLASTIC SLEEVE
For optimum performance

White LED Power Supply

RGB LED Power Supply

RGB Flexi-Bend

White / RGB

Fixing Clips

White / RGB

End Caps

Silicon Glue

- Not submersible • Not intended for applications where water can puddle
- Not intended for applications where product can be covered by snow • All connections must be sealed with silicon

IP65 Concho AC LED Strip (Up to 1100lm per metre)
No Driver Required

3YR | **AC LED** | **RGB LED** | **ZONE 2**

Cool White

Warm White

R

G

B

- High output LED strip for external applications
- Supplied as specific cut-lengths, cut to order
- AC LED strip does not require driver
- 3000K/4000K LED suitable for installations up 50 metres run length
- RGB LED suitable for installations up 30 metres run length
- Cutting points:- White LED 500mm RGB LED 1000mm
- Non-returnable product
- LED lifespan L70 35,000 hours
- 3000K/4000K non-dimmable
- Adjustable brightness control for RGB

White LED Cut-Lengths
All pre-cut lengths are supplied pre-leaded and sealed with power supply connection and end cap

RGB LED Cut-Length
RGB RF remote handset will control one pre-cut length only

White LED Cut-Lengths (1 Metre Multiples)

Code	Lamp	Description	Trade
ACONLED/CL/WW	LED	Warm White (Per Metre c/w 3 Fixing Clips)	£29.70
ACONLED/CL/CW	LED	Cool White (Per Metre c/w 3 Fixing Clips)	£29.70
ACONLED/CL/PS	LED	Power Supply (1 Required Per Cut Length)	£18.15

RGB LED Cut-Lengths (1 Metre Multiples)

Code	Lamp	Description	Trade
ACONLED/CL/RGB	LED	RGB (Per Metre c/w 3 x Clips)	£29.70
ACONLED/CL/RGB/PS	LED	RGB Power Supply and Touch RF Control (1Required Per Cut Length)	£87.50

White LED 50 Metre Drums

Code	Lamp	Description	Trade
ACONLED/50/WW	LED	Warm White	£989.00
ACONLED/50/CW	LED	Cool White	£989.00
ACONLED/50/PS	LED	Power Supply	£8.35
ACONLED/END	LED	End Cap	£0.40
ACONLED/SILG	LED	100ml Silicon Glue	£3.30
ACONLED/CLIPS	LED	3 x Fixing Clips	£1.05
ACONLED/FBEND	LED	200mm Flexi Bend	£4.05

RGB LED 30 Metre Drums

Code	Lamp	Description	Trade
ACONLED/30/RGB	LED	RGB	£594.00
ACONLED/30/RGB/PS	LED	RGB Power Supply (1 Required Per Length)	£75.50
ACONLED/RGB/FBEND	LED	RGB 200mm Flexi Bend	£4.05
ACONLED/SILG	LED	100ml Silicon Glue	£3.30
ACONLED/RGB/END	LED	RGB End Cap	£0.40
ACONLED/RGB/CLIPS	LED	3 x RGB Fixing Clips	£1.05

RGB Dimensions
15
7.5

White Dimensions
18
8.5

LED Information

Total (Watts)	
White	11W per metre
RGB	10W per metre
CRI	Ra 80
CCT	4000K
	3000K
Input	230V
Hertz	50/60Hz
Operating Temp -20°C to 45°C	

UKCA CE IP65

Project - Vue Cinema
Preston, UK

Matrix LED CCT Linklight

Supplied c/w Integral Driver

2YR

Selectable CCT

- CCT Selectable LED linklight with integral driver
- Side mounted switch allows installer the choice of 3000K or 4000K colour temperature options
- Moulded spine fitted with integral switch and fixed diffuser
- c/w angled and straight fixing clips
- Supplied c/w 1.5m mains power lead
- Linkable up to a maximum of twelve fittings
- LED lifespan L70 25,000 hours
- Non-dimmable

Code	Lamp	Description	Length	Width	Depth	Trade
AMALED20/CCT	LED	3W - 4000K/3000K	220	22.8	38.4	**£15.00**
AMALED50/CCT	LED	7W - 4000K/3000K	525	22.8	38.4	**£19.50**
AMALED80/CCT	LED	13W - 4000K/3000K	858	22.8	38.4	**£28.20**
AMALED120/CCT	LED	18W - 4000K/3000K	1158	22.8	38.4	**£33.95**

Accessories				
A250TLL/T5	250mm Link Lead			**£3.05**
A500TLL/T5	500mm Link Lead			**£3.40**
A1000TLL/T5	1000mm Link Lead			**£3.50**

LED Information

	Cool White	Warm White
Total (Watts)	3W	
	7W	
	13W	
	18W	
Lumens Delivered	290lm	272lm
	712lm	696lm
	1320lm	1268lm
	1844lm	1724lm
Lm/W	97lm	91lm
	102lm	99lm
	102lm	98lm
	102lm	96lm
CRI	Ra 80	
CCT	4000K	
	3000K	
Input	230V	
Hertz	50/60Hz	
Operating Temp	-10°C to 40°C	

UKCA CE IP20

Reveal AC LED Tri-Light
No Driver Required

AC
LED

ARLEDTL/CW

ARLEDTL/WW

- AC 230V mains surface under cabinet downlight
- Integrated AC LED technology
- Pre-wired with 1.5 metres of mains cable for fast installation
- Direct replacement for traditional halogen
- LED lifespan L70 54,000 hours
- Non-dimmable

46

120

129

LED Information

Total (Watts)	2W
Lumens Delivered	
Cool White	123lm
Warm White	111lm
Lm/W Cool White	61lm
Lm/W Warm White	56lm
CRI	Ra 80
CCT	4000K
	3000K
Input	230V
Hertz	50/60Hz
Operating Temp	-10°C to 40°C

Code	Lamp	Description	Trade
ARLEDTL/CW	LED	2W - Cool White - Satin Chrome	**£18.90**
ARLEDTL/WW	LED	2W - Warm White - Satin Chrome	**£18.90**

UK CA CE ☐ IP20

Reveal AC LED Cabinet Light
No Driver Required

- AC 230V low profile mains surface mounted cabinet light
- Integrated AC LED technology
- Pre-wired with 1.5 metres of mains cable for fast installation
- Direct replacement for traditional halogen
- LED lifespan L70 54,000 hours
- Non-dimmable

ARCLED/CW/W

86

16

73

ARCLED/CW/SS

LED Information

Total (Watts)	2W
Lumens Delivered	
Cool White	146lm
Warm White	132lm
Lm/W Cool White	73lm
Lm/W Warm White	66lm
CRI	Ra 80
CCT	4000K
	3000K
Input	230V
Hertz	50/60Hz
Operating Temp	-10°C to 40°C

UK CA CE IP20

Code	Lamp	Description	Trade
ARCLED/CW/W	LED	2W - Cool White - White	**£13.30**
ARCLED/CW/SS	LED	2W - Cool White - Silver	**£13.30**
ARCLED/WW/W	LED	2W - Warm White - White	**£13.30**
ARCLED/WW/SS	LED	2W - Warm White - Silver	**£13.30**

Kaiser LED Bathroom Light

Supplied c/w Integral Driver

5YR | **ZONE 2**

AKAILED/B/CW

AKAILED/W/WW

- Architectural and modern bathroom light
- Downward directional light output provides optimum illumination around sink and mirror area
- Die-cast aluminium finish in black or white in either 3000K or 4000K colour temperature options
- LED lifespan L70 50,000 hours
- Non-dimmable

171

460

61

LED Information

Total (Watts)	15W
Lumens Delivered	
Cool White	1000lm
Warm White	940lm
Lm/W Cool White	63lm
Lm/W Warm White	59lm
CRI	Ra 90
CCT	4000K
	3000K
Input	230V
Hertz	50Hz
Operating Temp	0°C to 25°C

Code	Lamp	Description	Trade
AKAILED/W/CW	LED	15W - Cool White - White	**£70.00**
AKAILED/B/CW	LED	15W - Cool White - Black	**£70.00**
AKAILED/W/WW	LED	15W - Warm White - White	**£70.00**
AKAILED/B/WW	LED	15W - Warm White - Black	**£70.00**

UKCA CE IP44

Profile Dual Voltage LED Razor Light

Supplied c/w Integral Driver

2YR

- Ultra-slim unobtrusive modern design
- Directional light output provides optimum facial illumination
- All switches SELV rated for ultimate safety
- Night light function with four minute timed override switch for full power output
- Only 1.8W power consumption in night light mode
- Optional wiring facility for remote bedside operation of night light function
- USB 2A charge port
- 110/230V selectable shaver output and isolating transformer
- LED lifespan L70 50,000 hours

73
456
70

Access to shaver connection and USB charge port via hinged protective cover. Simple SELV switch provides the ability to select required voltage.

Easy to operate SELV switch function provides the ability to select 100% brightness, night light mode and on/off settings.

Illuminated soft touch SELV switch for night light, with four minute timed override providing full brightness when required.

LED Information

Total (Watts)	8W
Lumens Delivered	
Full Power	436lm
Night light	33lm
Lm/W	55lm
CRI	Ra 70
CCT	4000K
Input	230V
Hertz	50/60Hz
Operating Temp	0°C to 40°C

Code	Lamp	Description	Trade
APLEDDVRL	LED	8W - Cool White	**£49.15**

UK CA   CE   IP20

Dual Voltage Razor Light

Supplied c/w Lamp

- Modern profile razor light with dual voltage options (110/230V) and isolating transformer
- Polycarbonate body and diffuser
- Pull cord for illumination
- Prismatic diffuser

Dimensions - mm
Length 493
Width 60
Depth 71

UK CA CE ⏚ HF IP20

Code	Lamp	Description	Trade
ADVRL	284mm Strip	60W - White	**£29.80**

Dual Voltage Shaver Socket

- Modern profile shaver socket with isolating transformer
- 115Volt and 230Volt outputs
- Supplied with screws and plastic covers

ADVSS

UK CA CE ⏚ IP20

Code	Description	Trade
ADVSS	Dual Voltage Shaver Socket	**£18.15**

Project

The Refinery
Student Acccomodation
- Leeds, UK

Furia AC LED - p258

Amenity

257

Decorative Ceiling/Wall

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Architectural Die-Cast Wall

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Directional Wall

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Decorative Ceiling / Wall

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Polycarbonate
Ceiling / Wall

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Recessed Wall

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Lanterns and
Half Lanterns

350

Bollards

372

Portable Lanterns

374

Feature Landscape
Illumination

384

Inground Uplights and
Controllers

Designed to
Deliver...

Reef LED CCT Fixed and Adjustable Surface Downlights
Supplied c/w Integral Driver

- Durable indoor/outdoor surface mounted downlight
- Polycarbonate construction ideal for coastal applications
- Only suitable for semi commercial applications
- CCT selectable between 3000K, 4000K and 6000K
- Unique lockable installation base plate with push fit loop-in loop-out terminals for ease of installation
- Fixed surface and adjustable surface options
- LED lifespan L80 54,000 hours
- Non-dimmable

Ø85

110

Adjustable upto 90°

AREELEDD
Fixed Downlight
Cool White

AREELEDA
Adjustable Downlight
Cool White

AREELEDD
Warm White

AREELEDD
Daylight

AREELEDD
Warm White

AREELEDD
Daylight

LED Information

Total (Watts)	5W
Lumens Delivered	
Warm White	450lm
Cool White	486lm
Daylight	471lm
Lm/W	
Warm White	90lm
Cool White	97lm
Daylight	94lm
Beam Angle	90°
CRI	Ra 80
CCT	3000K
	4000K
	6000K
Input	230V
Hertz	50Hz
Operating Temp	-20°C to 40°C

UK CA   CE   ▣   **IP65**   **IP54**

AREELEDD   AREELEDA

CCT Selectable Switch

DL   CW   WW

Integral CCT switch allows installer the choice of 3000K, 4000K and 6000K colour temperature options

Unique Click and Lock Mounting Bracket

1. Fix the detachable mounting plate to the wall and terminate the mains cable. Mount the housing onto the fixing place

2. Align the housing onto the mounting plate, twist into place and screw allen key to secure the fixture to the wall

	Code	Lamp	Description	Trade
Fixed	**AREELEDD**	LED	5W - Warm White/Cool White/Daylight	**£37.70**
Adjustable	**AREELEDA**	LED	5W - Warm White/Cool White/Daylight - White	**£45.85**

Furia AC LED
No Driver Required

3YR **AC LED** **ZONE 2**

- Shallow AC LED die-cast surface downlight
- Modern aesthetic appearance
- Exceeds performance of 1x26W PL
- Integrated AC LED technology
- 37° beam angle
- LED lifespan L70 30,000 hours
- Triac dimmable as standard

AFULED/W

AFULED/GR

5

98

Ø100

LED Information

Total (Watts)	10W
Lumens Delivered	719lm
Lm/W	74lm
Beam Angle	37°
CRI	Ra 80
CCT	3000K
Input	230V
Hertz	50/60Hz
Operating Temp	-20°C to 40°C

Code	Lamp	Description	Trade
AFULED/W	LED	10W - Warm White - White	**£93.00**
AFULED/GR	LED	10W - Warm White - Graphite	**£93.00**

UKCA CE ⊕ **IP55**

Project - The Refinery Student Accommodation
Leeds, UK

Callisto AC LED Wall/Ceiling
No Driver Required

3YR

AC LED

- Modern surface mounted ultra-slim wall/ceiling light
- Die-cast aluminium construction with choice of white or graphite paint finish
- Integrated AC LED technology
- DuPont paint finish
- Tamper-proof stainless steel allen key screws
- LED lifespan L70 50,000 hours
- Non-dimmable

ACLLED/W

ACLLED/GR

Ø110   33

LED Information

Total (Watts)	4W
Lumens Delivered	181lm
Lm/W	45lm
Beam Angle	65°
CRI	Ra 80
CCT	3000K
Input	230V
Hertz	50Hz
Operating Temp	-40°C to 80°C

Code	Lamp	Description	Trade
ACLLED/W	LED	4W - Warm White - White	£76.50
ACLLED/GR	LED	4W - Warm White - Graphite	£76.50

UK CA CE □ IP65 IK 06

Pi LED CCT Wall/Ceiling
Supplied c/w Integral Driver

3YR

Selectable CCT

- Modern surface mounted ultra-slim wall/ceiling light
- Die-cast aluminium construction with choice of white or graphite paint finish
- Push fit loop-in loop-out terminals for ease of installation
- Anti-glare toughened tempered opal glass front diffuser
- CCT selectable between 3000K and 4000K
- Screwless front cover with concealed allen key access provides security and a sleek design
- LED lifespan L80 B50 60,000 hours
- Non-dimmable

APIWCLED/GR

APIWCLED/W

Ø100

39

LED Information

Total (Watts)	2.5W
Lumens Delivered	
Cool White	150lm
Warm White	135lm
Lm/W Cool White	63lm
Lm/W Warm White	59lm
Beam Angle	115°
CRI	Ra 80
CCT	3000K
	4000K
Input	230V
Hertz	50Hz
Operating Temp	0°C to 25°C

UK CA   CE   IP65   IK 06

3000K   4000K

Selectable CCT switch between 3000K and 4000K

Push fit loop-in loop-out terminals for ease of installation

Code	Lamp	Description	Trade
APIWCLED/W	LED	2.5W - Cool White/Warm White - White	**£44.00**
APIWCLED/GR	LED	2.5W - Cool White/Warm White - Graphite	**£44.00**

Callisto AC LED Low Level

No Driver Required

3YR

AC LED

ACLPWLED/W

ACLPWLED/GR

- Modern surface mounted ultra-slim low level light
- Die-cast aluminium construction with choice of white or graphite paint finish
- DuPont paint finish
- Integrated AC LED technology
- Tamper-proof stainless steel allen key screws
- LED lifespan L70 50,000 hours
- Non-dimmable

Ø110   35

LED Information

Total (Watts)	4W
Lumens Delivered	121lm
Lm/W	31lm
Beam Angle	51°
CRI	Ra 80
CCT	3000K
Input	230V
Hertz	50Hz
Operating Temp	-40°C to 80°C

Code	Lamp	Description	Trade
ACLPWLED/W	LED	4W - Warm White - White	**£76.50**
ACLPWLED/GR	LED	4W - Warm White - Graphite	**£76.50**

UKCA CE IP65 IK 06

Pi LED CCT Low Level

Supplied c/w Integral Driver

- Modern surface mounted ultra-slim low level light with downward light spill
- Die-cast aluminium construction with choice of white or graphite paint finish
- Push fit loop-in loop-out terminals for ease of installation
- Anti-glare toughened tempered opal glass front diffuser
- CCT selectable between 3000K and 4000K
- Screwless front cover with concealed allen key access provides security and a sleek design
- LED lifespan L80 B50 60,000 hours
- Non-dimmable

Ø100   50

APILLED/GR

APILLED/W

LED Information

Total (Watts)	2.5W
Lumens Delivered	
Cool White	60lm
Warm White	55lm
Lm/W Cool White	25lm
Lm/W Cool White	21lm
CRI	Ra 80
CCT	3000K
	4000K
Input	230V
Hertz	50Hz
Operating Temp	0°C to 25°C

Selectable CCT switch between 3000K and 4000K

Push fit loop-in loop-out terminals for ease of installation

Code	Lamp	Description	Trade
APILLED/W	LED	2.5W - Cool White/Warm White - White	**£44.00**
APILLED/GR	LED	2.5W - Cool White/Warm White - Graphite	**£44.00**

Warrington: +44 (0) 1942 433333
Belfast: +44 (0) 2890 773750

Galia LED
Supplied c/w Integral Driver

3YR

- Surface mounting ultra-slim low level square pathway light with downward light-spill
- Die-cast aluminium construction with graphite paint finish
- Comparable performance to 26W PLC
- Screwless front cover with concealed allen key access
- Pre-wired with 1 metre of rubber insulated cable for ease of installation
- LED lifespan L70 50,000 hours
- Non-dimmable

170

170

42

LED Information

Total (Watts)	10W
Lumens Delivered	300lm
Lm/W	30lm
CRI	Ra 80
CCT	4000K
Input	230V
Hertz	50/60Hz
Operating Temp	-20°C to 25°C

UK CA CE IP65

Code	Lamp	Description	Trade
AGALSQLED	LED	10W - Cool White	£129.00

Matala LED
Supplied c/w Integral Driver

3YR

- Surface mounting ultra-slim low level circular pathway light with downward light-spill
- Die-cast aluminium construction with graphite paint finish
- Comparable performance to 26W PLC
- Screwless front cover with concealed allen key access
- Pre-wired with 1 metre of rubber insulated cable for ease of installation
- LED lifespan L70 50,000 hours
- Non-dimmable

Ø195   50

LED Information

Total (Watts)	10W
Lumens Delivered	360lm
Lm/W	36lm
CRI	Ra 80
CCT	4000K
Input	230V
Hertz	50/60Hz
Operating Temp	-20°C to 25°C

UK CA   CE   IP65

Code	Lamp	Description	Trade
AMATROLED	LED	10W - Cool White	**£129.00**

Kappa LED

Supplied c/w Integral Driver

3YR

AKLED/B/WW

AKLED/SG

- Compact wall light with integral driver
- Downward light spill ideal for pathway illumination
- Die-cast aluminium construction
- LED lifespan L70 40,000 hours
- Non-dimmable

90

Ø165

Code	Lamp	Description	Trade
AKLED/B	LED	4.5W Cool White - Black	**£85.50**
AKLED/SG	LED	4.5W Cool White - Silver Grey	**£85.50**
AKLED/B/WW	LED	4.5W Warm White - Black	**£85.50**
AKLED/SG/WW	LED	4.5W Warm White - Silver Grey	**£85.50**

LED Information

Total (Watts)	4.5W
Lumens Delivered	
Cool White	270lm
Warm White	117lm
Lm/W	
Cool White	60lm
Warm White	26lm
CRI	Ra 70
CCT	4000K
	3000K
Input	230V
Hertz	50/60Hz
Operating Temp	0°C to 25°C

UK CA CE IP65

Senza LED
Supplied c/w Integral Driver

- Contemporary die-cast aluminium LED wall light
- Only suitable for semi commercial applications
- Standard and PIR options
- Graphite textured powder coat paint finish
- LED lifespan L70 36,000 hours
- Non-dimmable

Matching
Senza LED Bollard
see p355

134

198

84

PIR

6 to 9 metres
5 seconds to 8 minutes
10 to 2000 LUX

LED Information

Total (Watts)	6.5W
Lumens Delivered	366lm
Lm/W	52lm
CRI	Ra 80
CCT	4000K
Input	230V
Hertz	50/60Hz
Operating Temp	-20°C to 45°C

UK CA CE IP54

ASELED/WL

ASELED/WL/PIR

	Code	Lamp	Description	Trade
Standard	**ASELED/WL**	LED	6.5W Cool White	**£83.50**
PIR	**ASELED/WL/PIR**	LED	6.5W - PIR - Cool White	**£102.50**

Arco LED
Supplied c/w Integral Driver

3YR

- Ultra modern LED wall light
- Only suitable for semi commercial applications
- Graphite textured powder coat paint finish
- LED lifespan L70 36,000 hours
- Non-dimmable

Matching
Arco LED Bollard
see p356

118
150
170

LED Information

Total (Watts)	11W
Lumens Delivered	643lm
Lm/W	58lm
CRI	Ra 80
CCT	4000K
Input	230V
Hertz	50/60Hz
Operating Temp -20°C to 45°C	

Code	Lamp	Description	Trade
AARLED/WL	LED	11W Cool White	£86.50

UK CA CE IP54

Tempo LED
Supplied c/w Integral Driver

- Contemporary die-cast aluminium LED wall light
- Only suitable for semi commercial applications
- Adjustable head to 90° for variable direction of light
- Standard and PIR options
- Graphite textured powder coat paint finish
- LED lifespan L70 36,000 hours
- Non-dimmable

203
35 78
118

ATLED/WL

ATLED/WL/PIR

PIR
6 to 10 metres
8 seconds to 8 minutes
5 to 200 LUX

90° adjustable head

LED Information

Total (Watts)	10W
Lumens Delivered	738lm
Lm/W	73lm
CRI	Ra 80
CCT	4000K
Input	230V
Hertz	50/60Hz
Operating Temp	-20°C to 45°C

UK CA   CE   IP54

	Code	Lamp	Description	Trade
Standard	ATLED/WL	LED	10W Cool White	£84.50
PIR	ATLED/WL/PIR	LED	10W - PIR - Cool White	£103.50

Dolce LED

Supplied c/w Integral Driver

3YR

- Ultra modern LED wall light
- Graphite textured powder coat paint finish
- Only suitable for semi commercial applications
- LED lifespan L70 36,000 hours
- Non-dimmable

ADOCLED/WL

111

457

82

LED Information

Total (Watts)	10W
Lumens Delivered	690lm
Lm/W	76lm
CRI	Ra 80
CCT	4000K
Input	100/240V
Hertz	50/60Hz
Operating Temp	-20°C to 45°C

Code	Lamp	Description	Trade
ADOCLED/WL	LED	10W Cool White	**£93.00**

UK CA CE ⏚ **IP65**

Pavia Solar LED
Supplied c/w Integral Driver

- Ultra modern die-cast solar powered aluminium LED wall light
- Only suitable for semi commercial applications
- PIR motion sensor as standard
- Automatic day/night mode switching
- 2 operation modes:-
  1) 15% output after sunset, motion detected 100% output, no motion 15% for 20 hours
  2) Motion detected 100% output, no motion off
- Graphite textured powder coat paint finish
- LED lifespan L70 36,000 hours

Matching
Pavia Solar Bollard
see p350

220
147
165

PIR
6 to 10 metres
1 minute
10 to 45 LUX

LED Information

Lumens Delivered	230lm
CRI	Ra 80
CCT	4000K
Operating Temp	-20°C to 45°C

UK CA CE IP54

Code	Lamp	Description	Trade
APAVLED/WL	LED	Cool White	**£103.00**
Accessories ASBP/17		7.4V 1500mAh Replacement Li-ION Battery	**£22.00**

Project - Private Residence
Newton-le-Willows, UK

Talana Solar LED
Supplied c/w Integral Driver

- Ultra modern die-cast solar powered aluminium LED wall light
- Only suitable for semi commercial applications
- PIR motion sensor as standard
- 2 operation modes:-
  1) 11% output after sunset, motion detected 100% output, no motion 11% for 20 hours
  2) Motion detected 100% output, no motion off
- Graphite textured powder coat paint finish
- LED lifespan L70 36,000 hours

Matching Talana Solar LED Bollard see p352

2YR **3YR**

210
170
245

PIR
6 to 10 metres
1 minute
10 to 45 LUX

LED Information

Lumens Delivered	210lm
CRI	Ra 80
CCT	4000K
Operating Temp	-20°C to 45°C

UK CA   CE   III   **IP54**

	Code	Lamp	Description	Trade
	ATASLED/WL	LED	Cool White	**£111.00**
Accessories	ASBP/17		7.4V 1500mAh Replacement Li-ION Battery	**£22.00**

Warrington: +44 (0) 1942 433333
Belfast: +44 (0) 2890 773750

Uno LED

Supplied c/w Integral Driver

- Die-cast aluminium construction with tamper-proof stainless steel allen key screws and opal polycarbonate diffuser
- LED lifespan L70 50,000 hours
- Non-dimmable

270   123

LED Information

Total (Watts)	12W
Lumens Delivered	442lm
Lm/W	37lm
CRI	Ra 80
CCT	4000K
Input	230V
Hertz	50/60Hz
Operating Temp	0°C to 25°C

Code	Lamp	Description	Trade
AUNLED	LED	12W - Cool White - Black	**£105.00**

UK CA CE IP65 IK 10

Tridon LED CCT
Supplied c/w Integral Driver

5YR

- IP66 rated die-cast aluminium construction with opal polycarbonate diffuser
- Exceeds performance of 16W TC-DD
- Internal CCT selector switch allows the installer to choose the CCT between 3000K and 4000K at the point of installation
- Rear fixing points allowing the option for BESA box mounting
- Horizontal side pilot holes accepting 20mm surface conduit entries
- Tamper-proof stainless steel allen key screws
- Microwave sensor and Photocell options available
- LED lifespan L70 60,000 hours
- Non-dimmable

Selectable CCT

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ATRILED/B
Warm White

ATRILED/G
Cool White

LED Information

Total (Watts)	8W
Lumens Delivered	
Cool White	701lm
Warm White	695lm
Lm/W	
Cool White	88lm
Warm White	87lm
CRI	Ra 80
CCT	3000K
	4000K
Input	220-240V
Hertz	50/60Hz
Operating Temp	-20°C to 25°C

UKCA CE ⏚ IP66 IK09

	Code	Lamp	Description	Trade
	ATRILED/B	LED	8W - Cool White/ Warm White - Black	**£96.50**
	ATRILED/G	LED	8W - Cool White/ Warm White - Graphite	**£96.50**
Options	**/PC**		Electronic Photocell	**+ £33.00**
	/MWS		Integral Microwave Sensor	**+ £45.00**

Lucca LED CCT
Supplied c/w Integral Driver

5YR

- IP66 rated die-cast aluminium construction with tamper-proof stainless steel allen key screws to retain opal polycarbonate diffuser and frame
- One product with integral switches for multi-wattage and selectable CCT options
- 18W exceeds performance of 38W TC-DD
- 27W exceeds performance of 2x26W PL-C
- LED lifespan L70 60,000 hours
- Non-dimmable

Selectable CCT

ALUCLED/B

ALUCLED/G

Removable 20mm conduit entry cover for ease of installation

Integral switches for multi-wattage and selectable CCT options

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99   Ø298

Code	Lamp	Description	Trade
ALUCLED/B	LED	18W/27W - Cool White/ Warm White - Black	**£96.00**
ALUCLED/G	LED	18W/27W - Cool White/ Warm White - Graphite	**£96.00**

Options	/PC	Electronic Photocell	+ £33.00
	/M3	Emergency	+ £85.00
	/SM3	Self-Test Emergency	+ £113.00
	/DM3	DALI Emergency	+ £195.00
	/MWS	Integral Microwave Sensor	+ £45.00

LED Information

Total (Watts)	18W/27W	
Lumens Delivered	4000K	3000K
18W	1149lm	1091lm
27W	1622lm	1563lm
Lm/W 18W	64lm	61lm
Lm/W 27W	60lm	58lm
CRI	Ra 80	
CCT	4000K	
	3000K	
Input	220-240V	
Hertz	50/60Hz	
Operating Temp	-20°C to 25°C	

UK CA CE IP66 IK 08

Nappa LED CCT
Supplied c/w Integral Driver

- IP66 rated die-cast aluminium construction with tamper-proof stainless steel allen key screws to retain opal polycarbonate diffuser and frame
- One product with integral switches for multi-wattage and selectable CCT options
- 18W exceeds performance of 38W TC-DD
- 28W exceeds performance of 2x26W PL-C
- LED lifespan L70 60,000 hours
- Non-dimmable

Removable 20mm conduit entry cover for ease of installation

Ø298   95

LED Information

Total (Watts)	18W/27W	
Lumens Delivered	4000K	3000K
18W	2104lm	2012lm
27W	3065lm	2924lm
Lm/W 18W	117lm	112lm
Lm/W 27W	114lm	108lm
CRI	Ra 80	
CCT	4000K	
	3000K	
Input	220-240V	
Hertz	50/60Hz	
Operating Temp	-20°C to 25°C	

UK CA CE IP66 IK 08

5YR

Selectable CCT

ANAPLED/B

ANAPLED/G

Integral switches for multi-wattage and selectable CCT options

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	Code	Lamp	Description	Trade
	ANAPLED/B	LED	18W/27W - Cool White/ Warm White - Black	**£97.00**
	ANAPLED/G	LED	18W/27W - Cool White/ Warm White - Graphite	**£97.00**

Options	/PC	Electronic Photocell	+ £33.00
	/M3	Emergency	+ £85.00
	/SM3	Self-Test Emergency	+ £113.00
	/DM3	DALI Emergency	+ £195.00
	/MWS	Integral Microwave Sensor	+ £45.00

Dugas
Supplied Less Lamp

- Compact die-cast aluminium wall light
- Installation in either upward or downward orientation
- Luminaire design allows for installation of GU10 LED lamps
- Graphite textured paint finish

100

155

110

GU10 LED Option

LED
50

80

Maximum size

Code	Lamp	Description	Trade
ADU50	GU10	50W	**£79.50**

UK CA CE IP44

Duo Midi
Supplied Less Lamp

- Bi-directional wall light with housing in die-cast aluminium with a textured paint finish
- Large diameter housing to provide heat dissipation

90

150

260

GU10 LED Option

LED
50
∞

Maximum size

UK CA CE ⏚ IP65

ADM50GU10/SG

ADM50GU10

Code	Lamp	Description	Trade
ADM50GU10	GU10	2 x 50W - Black	**£67.00**
ADM50GU10/SG	GU10	2 x 50W - Silver Grey	**£67.00**

Tandem
Supplied Less Lamp

- Bi-directional wall light
- Ideal for GU10 LED or GU10 mains halogen options
- Aluminium construction with graphite textured paint finish

82

187

110

GU10 LED Option

LED

50

8

Maximum size

Code	Lamp	Description	Trade
ATA2X50	GU10	2 x 50W	**£92.00**

UK CA CE IP55

Reef LED Directional Wall Light
Supplied c/w Integral Driver

- Durable outdoor directional wall light
- Installation in either upward or downward orientation
- Only suitable for semi commercial applications
- Polycarbonate construction ideal for coastal applications
- CCT selectable between 3000K, 4000K and 5700K
- Unique lockable installation base plate with push fit loop-in loop-out terminals for ease of installation
- LED lifespan L80 54,000 hours
- Non-dimmable

Ø85

128

103

LED Information

Total (Watts)	5W
Lumens Delivered	
Warm White	425lm
Cool White	450lm
Daylight	410lm
Lm/W	
Warm White	85lm
Cool White	90lm
Daylight	82lm
Beam Angle	90°
CRI	Ra 80
CCT	3000K
	4000K
	5700K
Input	220-240V
Hertz	50Hz
Operating Temp -20°C to 40°C	

UK CA CE ▣ **IP65**

CCT Selectable Switch

DL CW WW

Integral CCT switch allows installer the choice of 3000K, 4000K and 5700K colour temperature options

Unique Click and Lock Mounting Bracket

1. Fix the detachable mounting plate to the wall and terminate the mains cable. Mount the housing onto the fixing place

2. Align the housing onto the mounting plate, twist into place and screw allen key to secure the fixture to the wall

Code	Lamp	Description	Trade
AREELEDWLD	LED	5W - Cool White/Warm White/Daylight	**£41.60**

Reef LED CCT WiZ Bi-Directional Wall Light

Supplied c/w Integral Driver

3YR

- Durable WiZ enabled outdoor bi-directional wall light
- Polycarbonate construction ideal for coastal applications
- Only suitable for semi commercial applications
- Tunable between 2700K - 6500K via Wiz App and voice control
- Unique lockable installation base plate with push fit loop-in loop-out terminals for ease of installation
- LED lifespan L70 54,000 hours

Tunable White

OCTO

WiZ CONNECTED

170

Ø85

LED Information

Total (Watts)	10W
Lumens Delivered 2700K ◄►6500K	
780lm ◄►825lm	
Lm/W 2700K ◄►6500K	
78lm ◄► 82lm	
Beam Angle	90°
CRI	Ra 80
CCT	Tunable White
Input	230V
Hertz	50Hz
Operating Temp -20°C to 40°C	

UK CA CE ☐ **IP65**

Unique Click and Lock Mounting Bracket

1. Fix the detachable mounting plate to the wall and terminate the mains cable. Mount the housing onto the fixing place

2. Align the housing onto the mounting plate, twist into place and screw allen key to secure the fixture to the wall

Code	Lamp	Description	Trade
AREELEDWL/OCTOW	LED	10W - Tunable White	**£84.00**

Reef LED CCT Bi-directional Wall Light

Supplied c/w Integral Driver

3YR

Selectable CCT

- Durable outdoor bi-directional wall light
- Only suitable for semi commercial applications
- Polycarbonate construction ideal for coastal applications
- CCT selectable between 3000K, 4000K and 6000K
- Unique lockable installation base plate with push fit loop-in loop-out terminals for ease of installation
- Discrete PIR option available
- LED lifespan L80 54,000 hours
- Non-dimmable

AREELEDWL
Cool White

AREELEDWL/PIR
Warm White

AREELEDWL
Daylight

CCT Selectable Switch

DL   CW   WW

PIR
1 metres - 10 metres
5 seconds to 12 minutes
3 to 1000 LUX

Unique Click and Lock Mounting Bracket

1. Fix the detachable mounting plate to the wall and terminate the mains cable. Mount the housing onto the fixing place

2. Align the housing onto the mounting plate, twist into place and screw allen key to secure the fixture to the wall

170

Ø85

LED Information

Total (Watts)	10W
Lumens Delivered	
Warm White	815lm
Cool White	885lm
Daylight	860lm
Lm/W	
Warm White	82lm
Cool White	89lm
Daylight	86lm
Beam Angle	90°
CRI	Ra 80
CCT	3000K
	4000K
	6000K
Input	230V
Hertz	50Hz
Operating Temp	-20°C to 40°C

Code	Lamp	Description	Trade
AREELEDWL	LED	10W - Warm White/Cool White/Daylight	**£41.50**
AREELEDWL/PIR	LED	10W - Warm White/Cool White/Daylight - PIR	**£60.50**

UK CA   CE   IP65

Antila LED
Supplied c/w Integral Driver

- Die-cast aluminium bi-directional LED wall light
- Only suitable for semi commercial applications
- Die-cast aluminium construction with graphite paint finish
- 90° beam angle
- LED lifespan L70 30,000 hours
- Non-Dimmable

LED Information

Total (Watts)	12W
Lumens Delivered	406lm
Lm/W	37lm
Beam Angle	90°
CRI	Ra 80
CCT	4000K
Input	230V
Hertz	50Hz
Operating Temp	-20°C to 50°C

UK CA CE ⏚ IP54

Code	Lamp	Description	Trade
ANTIALED	LED	12W - Cool White	**£53.50**

Project - Commercial Development
Golborne, UK

Zart LED
Supplied c/w Integral Driver

- Bi-directional LED wall light
- Die-cast aluminium construction with graphite paint finish
- Only suitable for semi commercial applications
- 105° beam angle
- LED lifespan L70 30,000 hours
- Non-dimmable

120

190

50

LED Information

Total (Watts)	12W
Lumens Delivered	491lm
Lm/W	41lm
Beam Angle	105°
CRI	Ra 80
CCT	4000K
Input	230V
Hertz	50Hz
Operating Temp	-20°C to 50°C

UK CA   CE   IP54

Code	Lamp	Description	Trade
AZATLED	LED	12W - Cool White	**£44.90**

Segano LED

Supplied c/w Integral Driver

3YR

- Bi-directional LED wall light
- Only suitable for semi commercial applications
- Die-cast aluminium construction with polycarbonate diffuser
- 90° beam angle
- LED lifespan L70 30,000 hours
- Non-dimmable

52
110
200

LED Information

Total (Watts)	13W
Lumens Delivered	610lm
Lm/W	47lm
Beam Angle	90°
CRI	Ra 80
CCT	4000K
Input	230V
Hertz	50Hz
Operating Temp	-20°C to 50°C

Code	Lamp	Description	Trade
ASEGLED	LED	13W - Cool White	**£37.45**

UK CA CE IP54

Gila LED
Supplied c/w Integral Driver

ZONE 2 · 3YR

- Modern bi-directional wall light providing vivid angled light distribution
- Exceeds performance of 100W halogen
- Die-cast aluminium body with a graphite powder coated anodized paint finish for enhanced durability
- LED lifespan L70 30,000 hours
- Non-dimmable

Matching
Gila LED Bollard
see p359

80
128   130

LED Information

Total (Watts)	11W
Lumens Delivered	202lm
Lm/W	18lm
Beam Angle	117°
CRI	Ra 90
CCT	4000K
Input	230V
Hertz	50/60Hz
Operating Temp	-20°C to 40°C

UK CA CE ⏚ IP55

Code	Lamp	Description	Trade
AGLED/WL	LED	11W - Cool White	**£149.00**

Brock LED Wall Light

Supplied c/w Integral Driver

5YR

- Modern bi-directional wall light providing vivid angled light distribution
- Die-cast aluminium body with a graphite powder coated anodized paint finish for enhanced durability
- LED lifespan L70 50,000 hours
- Non-dimmable

Matching
Brock LED Bollard

150

180

45

LED Information

Total (Watts)	7.7W
Lumens Delivered	
Cool White	452lm
Warm White	448lm
Lm/W	
Cool White	57lm
Warm White	56lm
Beam Angle	90°
CRI	Ra 80
CCT	4000K
	3000K
Input	230V
Hertz	50Hz
Operating Temp	-20°C to 25°C

Code	Lamp	Description	Trade
ABRLED/WL/CW	LED	7.7W - Cool White	£126.00
ABRLED/WL/WW	LED	7.7W - Warm White	£126.00

UK CA CE IP65

Project - Private Residence
Chorley, UK

Duo Midi LED
Supplied c/w Integral Driver

- Bi-directional LED wall light
- 19W exceeds performance of 70W CDM-T
- 42W exceeds performance of 150W CDM-T
- Die-cast aluminium construction with graphite paint finish
- Powered by Philips
- 34° beam angle
- LED lifespan L70 50,000 hours
- Non-dimmable

LED Information

Total (Watts)	19W
	42W
Lumens Delivered	
19W	1752lm
42W	3582lm
Lm/W 19W	92lm
Lm/W 42W	85lm
Beam Angle	34°
CRI	Ra 80
CCT	4000K
Input	220V-240V
Hertz	50/60Hz
Operating Temp	-20°C to 25°C

ADMLED1/GR/CW

Code	Lamp	Description	Trade
ADMLED1/GR/CW	LED	19W - Cool White - Graphite	**£106.00**
ADMLED2/GR/CW	LED	42W - Cool White - Graphite	**£133.00**

Project - Bridgford Retail Park
Nottingham, UK

Doppio LED
Supplied c/w Integral Driver

- Powerful architectural bi-directional wall light
- Exceeds performance of 50W HQI
- Die-cast aluminium construction with graphite paint finish
- 20° beam angle
- LED lifespan L70 50,000 hours
- Non-dimmable

110
72
100
155
300

LED Information

Total (Watts)	34W
Lumens Delivered	2 x 848lm
Lm/W	50lm
Beam Angle	20°
CRI	Ra 80
CCT	4000K
Input	230V
Hertz	50/60Hz
Operating Temp	-20°C to 40°C

UK CA CE ⏚ IP65

Code	Lamp	Description	Trade
ADOLEDWL	LED	34W - Cool White	**£343.00**

Doppio HP LED

Supplied c/w Integral Driver

5YR

- High performance architectural bi-directional wall light
- Exceeds performance of 150W Metal Halide
- Die-cast aluminium construction with graphite paint finish
- 20° beam angle
- LED lifespan L70 50,000 hours
- Non-dimmable

LED Information

Total (Watts)	56W
Lumens Delivered	2x3043lm
Lm/W	109lm
Beam Angle	20°
CRI	Ra 80
CCT	4000K
Input	230V
Hertz	50/60Hz
Operating Temp	-20°C to 40°C

Code	Lamp	Description	Trade
ADOLEDWL/HP	LED	56W - Cool White	£398.00

UK CA CE IP65

Project - Aintree University Hospital
Liverpool, UK

Alto LED

Supplied c/w Integral Driver

3YR

- Surface bi-directional die-cast wall light providing adjustable beam angle
- Only suitable for semi commercial applications
- Independent beam angle adjustment between up and down distribution
- Minimum beam angle 0°, maximum beam angle 90°
- Die-cast aluminium body with graphite powder coated anodized paint finish for enhanced durability
- LED lifespan L70 30,000 hours
- Non-dimmable

110

172

79

LED Information

Total (Watts)	6W
Lumens Delivered	205lm
Lm/W	34lm
Beam Angle	0° - 90°
CRI	Ra 80
CCT	4000K
Input	230V
Hertz	50Hz
Operating Temp	-10°C to 50°C

30° Beam Angle

Full Open Beam Angle

Independent beam angle Adjustment

UK CA CE IP54

Code	Lamp	Description	Trade
ALTOLED	LED	6W - Cool White	**£51.50**

Beam AC LED

No Driver Required

- Compact and powerful die-cast aluminium wall light
- Dual purpose design allows installation as either a canopy downlight or as an uplight
- Exceeds performance of 70W HQI
- Integrated AC LED technology
- Allen key screws manufactured from marine grade stainless steel
- LED lifespan L70 70,000 hours
- Non-dimmable

148

74

194

LED Information

Total (Watts)	20W
Lumens Delivered	1624lm
Lm/W	81lm
Beam Angle	60°
CRI	Ra 80
CCT	4000K
Input	230V
Hertz	50/60Hz
Operating Temp	0°C to 25°C

Code	Lamp	Description	Trade
ABEAMLED	LED	20W - Cool White	**£245.00**

UK CA CE ⏚ IP65

THE
KIRKFIELD

Project - The Kirkfield
Newton-le-Willows, UK

Eclipse MultiLED CCT

Supplied c/w Integral Driver

5YR

ST

Selectable CCT

AECLED/CH/CCT

25W 14W 11W

AECLED/W/CCT

AECLED/SC/CCT

- LED wall/ceiling luminaire with adjustable power and light output option
- One product with integral driver dip-switch
- Internal CCT selector switch allows the installer to choose the CCT between 3000K, 4000K and 6500K
- Corridor function options available for effective reduction in energy consumption
- Lumen package options allow retrofit of 28W, 38W or 55W CFL luminaires
- Flexibility of performance allows suitability for multiple applications
- Spun aluminium base with dished opal Visiluxe diffuser
- BESA box fixing versatile mounting options
- Option of white, chrome or satin chrome housing
- LED lifespan L70 54,000 hours

431
357
40
108

Code	Lamp	Description	Trade
AECLED/W/CCT	LED	11W/14W/25W - White	**£151.00**
AECLED/CH/CCT	LED	11W/14W/25W - Chrome	**£167.00**
AECLED/SC/CCT	LED	11W/14W/25W - Satin Chrome	**£167.00**

Options			
	/M3	Self-Test Emergency	+ £85.00
	/DD	Digital Dimming (DD1/DD2/DD3/DD4 - 25W only)	+ £90.00
	/MWS	Integral Microwave Sensor	+ £56.00
	/CF	Corridor Function	+ £35.00

LED Information

Total (Watts)	11W/14W/25W		
Lumens Delivered	3000K	4000K	6500K
11W	1165lm	1193lm	1202lm
14W	1454lm	1493lm	1491lm
25W	2700lm	2846lm	2762lm
Lm/W 11W	106lm	108lm	109lm
Lm/W 14W	104lm	107lm	107lm
Lm/W 25W	108lm	114lm	110lm
CRI	Ra 80		
CCT	3000K		
	4000K		
	6500K		
Input	230V		
Hertz	50/60Hz		
Operating Temp	-10°C to 25°C		

UK CA CE IP20

Project - Mickle Hill Nursing Home
Pickering, UK

Mercury CCT LED

Supplied c/w Integral Driver

5YR **ZONE 2**

- IP44 polycarbonate wall/ceiling light for corridors, stairwells and general amenity applications
- High output option allows for a range of installation applications
- LED performance significantly exceeds CFL equivalents
- Internal CCT selector switch allows the installer to choose the CCT between 3000K and 4000K at the point of installation (19W only)
- BESA box fixing facility
- Integral laminated board heatsink provides high performance thermal management
- Digital dimming, self-test emergency, DALI emergency and microwave sensor options
- Chrome bezel accessory
- LED lifespan L70 56,000 hours

Selectable **CCT**

Powered by
TRIDONIC
▼ enlightening your ideas

Chrome Trim Ring Fitted

450   84

LED Information

Total (Watts)	19W	
	33W	
Lumens Delivered	4000K	3500K
19W	1655lm	1420lm
33W	N/A	2702lm
Lm/W 19W	87lm	71lm
Lm/W 33W	N/A	82lm
CRI	Ra 80	
CCT	4000K	
	3500K	
Input	230V	
Hertz	50/60Hz	
Operating Temp	-10°C to 40°C	

	Code	Lamp	Description	Trade
	AMERLED/CCT	LED	19W - Matt White - Cool White/Warm White	**£123.00**
	AMERLED/HP	LED	33W - Matt White - Warm White Only	**£146.00**

Options	**/M3**	Emergency		**+ £85.00**
	/OCTO	OCTO Smart Control		**+ £185.00**
	/DD	Digital Dimming (DD1/DD2/DD3)		**+ £90.00**
	/MWS	Integral Microwave Sensor		**+ £56.00**

Accessories	**AMERLEDBZ/CH**	Chrome Trim Ring		**£16.25**

UK CA CE IP44

Beta LED

Supplied c/w Integral Driver

- Multi-purpose compact surface LED bulkhead
- IP44 rating and suitable for bathroom use
- All polycarbonate construction
- Comparable performance to 100W GLS and outperforms 16W CFL equivalents
- Instant light output and unlimited switching
- LED lifespan L70 56,000 hours
- Non-dimmable

ZONE 2 5YR

160 70

LED Information

Total (Watts)	5W
Lumens Delivered	436lm
Lm/W	87lm
CRI	Ra 70
CCT	4000K
Input	230V
Hertz	50Hz
Operating Temp	0°C to 25°C

UK CA CE IP44

Code	Lamp	Description	Trade
ABELED/WV	LED	5W - Cool White - White Base, Opal Visiluxe Diffuser	**£34.95**

Gamma Mini LED WiZ

Supplied c/w Integral Driver

| 3YR | ZONE 2 | | | | | | |

AMGAMLED

Tunable White

- Ultra slim modern WiZ enabled polycarbonate wall/ceiling light
- Matt white finish to body and diffuser
- Rear fixing bracket and terminal housing for ease of installation
- Tunable between 2700K - 6500K via Wiz App and voice control
- Comparable performance to 28W TC-DD
- IP54 rating and suitable for bathroom use
- LED lifespan L70 54,000 hours
- Dimmable via WiZ App

OCTO

WiZ CONNECTED

Chrome Trim Ring Fitted

250   50

50mm

Ultra slim profile

LED Information

Total (Watts)	10W
Lumens Delivered	
2700K ◄► 6500K	
750lm ◄► 830lm	
Lm/W	
2700K ◄► 6500K	
77lm ◄► 86lm	
CRI	Ra 80
CCT	Tunable White
Input	230V
Hertz	50Hz
Operating Temp	-5°C to 35°C

Code	Lamp	Description	Trade
AMGAMLED/OCTOW	LED	11W - Tunable White	**£84.50**
Accessories AMGAMLEDBZ/CH		Chrome Trim Ring	**£5.25**

UKCA CE ▢ **IP54** **IK 09**

Gamma LED WiZ
Supplied c/w Integral Driver

Voice Control

ZONE 2 3YR

- Ultra slim modern WiZ enabled polycarbonate wall/ceiling light
- Matt white finish to body and diffuser
- Rear fixing bracket and terminal housing for ease of installation
- Tunable between 2700K - 6500K via Wiz App and voice control
- Comparable performance to 38W TC-DD
- IP54 rating and suitable for bathroom use
- LED lifespan L70 54,000 hours
- Dimmable via WiZ App

OCTO

WiZ CONNECTED

AGAMLED

Tunable White

Chrome Trim Ring Fitted

296   53

LED Information

Total (Watts)	18W
Lumens Delivered	
2700K ◄► 6500K	
1500lm ◄► 1620lm	
Lm/W	
2700K ◄► 6500K	
82lm ◄► 90lm	
CRI	Ra 80
CCT	Tunable White
Input	230V
Hertz	50Hz
Operating Temp	-5°C to 35°C

53mm

Ultra slim profile

UK CA CE IP54 IK 09

Code	Lamp	Description	Trade
AGAMLED/OCTOW	LED	18W - Tunable White	**£141.00**
Accessories AGAMLEDBZ/CH		Chrome Trim Ring	**£9.20**

Gamma Mini LED
Supplied c/w Integral Driver

3YR **ZONE 2**

AMGAMLED

Chrome Trim Ring Fitted

50mm

Ultra slim profile

- Ultra slim modern polycarbonate wall/ceiling light
- Matt white finish to body and diffuser
- Rear fixing bracket and terminal housing for ease of installation
- Performance comparable to 28W TC-DD
- IP54 rating and suitable for bathroom use
- Microwave sensor set to 15 minutes (non-adjustable)
- /MWS and /MWS/M3 versions Masters as standard
- /MWS and MWS/M3 has integral photocell isolation switch
- LED lifespan L70 54,000 hours
- Non-dimmable

250   50

	Code	Lamp	Description	Trade
	AMGAMLED	LED	11W - Cool White	**£43.70**
Options	/M3		Emergency	+ £46.00
	/MWS		Internal Microwave Sensor	+ £40.00
Accessories	AMGAMLEDBZ/CH		Chrome Trim Ring	£5.25

LED Information

Total (Watts)	11W
Lumens Delivered	1031lm
Lm/W	94lm
CRI	Ra 80
CCT	4000K
Input	230V
Hertz	50Hz
Operating Temp	-5°C to 35°C

UK CA CE IP54 IK 09

Gamma Mini LED CCT
Supplied c/w Integral Driver

ZONE 2 **3YR**

- Ultra slim modern polycarbonate wall/ceiling light
- Matt white finish to body and diffuser
- CCT selectable between 3000K and 4000K
- Rear fixing bracket and terminal housing for ease of installation
- Exceeds performance of 28W TC-DD
- IP54 rating and suitable for bathroom use
- Microwave sensor set to 15 minutes (non-adjustable)
- /MWS and /MWS/M3 versions Masters as standard
- /MWS and MWS/M3 has integral photocell isolation switch
- LED lifespan L70 54,000 hours
- Non-dimmable

Selectable CCT

AMGAMLED/CCT

Chrome Trim Ring Fitted

250

50

50mm

Ultra slim profile

Selectable CCT switch between 3000K and 4000K

LED Information

Total (Watts)	10W
Lumens Delivered	
Cool White	1148lm
Warm White	1053lm
Lm/W Cool White	115lm
Lm/W Warm White	105lm
CRI	Ra 80
CCT	4000K
	3000K
Input	220-240V
Hertz	50/60Hz
Operating Temp	-5°C to 35°C

UK CA CE IP54 IK 09

	Code	Lamp	Description	Trade
	AMGAMLED/CCT	LED	10W - Cool White/Warm White	**£51.50**
Options	**/M3**		Emergency	**+ £46.00**
	/MWS		Internal Microwave Sensor	**+ £40.00**
Accessories	**AMGAMLEDBZ/CH**		Chrome Trim Ring	**£5.25**

Gamma LED

Supplied c/w Integral Driver

3YR **ZONE 2**

AGAMLED

Chrome Trim Ring Fitted

53mm

Ultra slim profile

- Ultra slim modern polycarbonate wall/ceiling light
- Matt white finish to body and diffuser
- Rear fixing bracket and terminal housing for ease of installation
- Outperforms 38W CFL with opal diffuser by 25% and prismatic diffuser by 52%
- IP54 rating and suitable for bathroom use
- Microwave sensor set to 15 minutes (non-adjustable)
- /MWS and /MWS/M3 versions Masters as standard
- /MWS and MWS/M3 has integral photocell isolation switch
- LED lifespan L70 54,000 hours
- Non-dimmable

296   53

	Code	Lamp	Description	Trade
	AGAMLED	LED	18W - Cool White	**£100.00**
Options	**/M3**		Emergency	**+ £46.00**
	/MWS		Internal Microwave Sensor	**+ £40.00**
Accessories	**AGAMLEDBZ/CH**		Chrome Trim Ring	**£9.20**

LED Information

Total (Watts)	18W
Lumens Delivered	1675lm
Lm/W	93lm
CRI	Ra 80
CCT	4000K
Input	230V
Hertz	50Hz
Operating Temp	-5°C to 35°C

UK CA   CE   IP54   IK 09

Gamma LED CCT
Supplied c/w Integral Driver

Selectable CCT

- Ultra slim modern polycarbonate wall/ceiling light
- Matt white finish to body and diffuser
- CCT selectable between 3000K and 4000K
- Rear fixing bracket and terminal housing for ease of installation
- Exceeds performance of 38W TC-DD
- IP54 rating and suitable for bathroom use
- Microwave sensor set to 15 minutes (non-adjustable)
- /MWS and /MWS/M3 versions Masters as standard
- /MWS and MWS/M3 has integral photocell isolation switch
- LED lifespan L70 54,000 hours
- Non-dimmable

Chrome Trim Ring Fitted

296   53

Ultra slim profile

53mm

Selectable CCT switch between 3000K and 4000K

LED Information

Total (Watts)	17W
Lumens Delivered	
Cool White	1847lm
Warm White	1681lm
Lm/W Cool White	106lm
Lm/W Warm White	96lm
CRI	Ra 80
CCT	4000K
	3000K
Input	230V
Hertz	50/60Hz
Operating Temp	-5°C to 35°C

UKCA CE □ IP54 IK09

	Code	Lamp	Description	Trade
	AGAMLED/CCT	LED	17W - Cool White / Warm White	**£110.00**
Options	**/M3**	Emergency		**+ £46.00**
	/MWS	Internal Microwave Sensor		**+ £40.00**
Accessories	**AGAMLEDBZ/CH**	Chrome Trim Ring		**£9.20**

Disco Slim LED CCT
Supplied c/w Integral Driver

5YR **ZONE 2**

Selectable CCT

- Slim modern design with all polycarbonate construction with opal diffuser and white trim ring
- CCT selectable between 3000K and 4000K
- 7W exceeds performance of 16W TC-DD
- 13W exceeds performance of 38W TC-DD
- Two options of microwave sensor emergency
- Instant light output and unlimited switching
- LED lifespan L70 56,000 hours

ADSILED1

fitted with chrome trim ring | fitted with graphite trim ring

ADSILED1
275 / 75

ADSILED2
325 / 75

	Code	Lamp	Description	Trade
	ADSILED1	LED	7W - Cool White/Warm White	**£70.50**
	ADSILED2	LED	13W - Cool White/Warm White	**£95.50**
Options	**/M3**		Emergency (13W only)	**+ £50.00**
	/MWS		Integral Microwave Sensor (13W only)	**+ £45.00**
	/CF		Corridor Function	**+ £23.00**
	ADSILED/1BZ/CH		Chrome Trim Ring (8W)	**£9.90**
Accessories	**ADSILED/1BZ/GR**		Graphite Trim Ring (8W)	**£9.90**
	ADSILED/2BZ/CH		Chrome Trim Ring (13W)	**£10.65**
	ADSILED/2BZ/GR		Graphite Trim Ring (13W)	**£10.65**

LED Information

	Cool White	Warm White
Total (Watts)		7W
		13W
Lumens Delivered	643lm	575lm
	1083lm	1027lm
Lm/W	92lm	82lm
	83lm	79lm
CRI		Ra 80
CCT		4000K
		3000K
Input		230V
Hertz		50Hz
Operating Temp		-10°C to 25°C

UK CA CE IP65

Disco Slim Halo LED CCT

Supplied c/w Integral Driver

- Slim modern design with all polycarbonate construction with opal diffuser and white trim ring
- Unique design creates halo light spill effect
- CCT selectable between 3000K and 4000K
- 8W exceeds performance of 28W TC-DD
- 13W comparable performance to 40W TC-DD
- Two options of microwave sensor emergency
- /MWS/M3/CF provides Corridor Function with Tridonic control gear
- Instant light output and unlimited switching
- LED lifespan L70 56,000 hours

Selectable CCT

ZONE 2 | 5YR

ADSIHLED1

75
275

ADSIHLED1

75
325

ADSIHLED2

Halo light spill effect

fitted with chrome trim ring

fitted with graphite trim ring

LED Information

	Cool White	Warm White
Total (Watts)		8W
		13W
Lumens Delivered	687lm	605lm
	1198lm	1064lm
Lm/W	86lm	87lm
	92lm	82lm
CRI		Ra 80
CCT		4000K
		3000K
Input		230V
Hertz		50Hz
Operating Temp		-10°C to 25°C

UK CA CE ⏚ IP65

Code	Lamp	Description	Trade
ADSIHLED1	LED	8W - Cool White/Warm White	**£87.00**
ADSIHLED2	LED	13W - Cool White/Warm White	**£115.00**

Options	/M3	Emergency (13W only)	+ £50.00
	/MWS	Integral Microwave Sensor (13W only)	+ £45.00
	/CF	Corridor Function	+ £23.00

Accessories	ADSILED/1BZ/CH	Chrome Trim Ring (8W)	£9.90
	ADSILED/1BZ/GR	Graphite Trim Ring (8W)	£9.90
	ADSILED/2BZ/CH	Chrome Trim Ring (13W)	£10.65
	ADSILED/2BZ/GR	Graphite Trim Ring (13W)	£10.65

Disco LED CCT
Supplied c/w Integral Driver

5YR **ZONE 2**

- All polycarbonate construction with opal diffuser and white trim ring
- CCT selectable between 3000K and 4000K
- 8W exceeds performance of 16W TC-DD
- 14W exceeds performance of 38W CFL
- Two options of microwave sensor emergency
- /MWS/M3/CF provides Corridor Function with Tridonic control gear
- Instant light output and unlimited switching
- LED lifespan L70 56,000 hours

Selectable CCT

ADILED1

ADILED2

90
275
ADILED1

110
326
ADILED2

	Code	Lamp	Description	Trade
	ADILED1	LED	8W - Cool White/Warm White	**£83.00**
	ADILED2	LED	12W - Cool White/Warm White	**£113.00**
Options	**/M3**	Emergency (14W only)		**+ £50.00**
	/MWS	Integral Microwave Sensor (14W only)		**+ £45.00**
	/CF	Corridor Function		**+ £23.00**
Accessories	**ADI28BZ/BR**	Brass Trim Ring (14W)		**£10.70**
	ADI28BZ/CH	Chrome Trim Ring (14W)		**£10.70**
	ADI28BZ/SG	Silver Grey Trim Ring (14W)		**£10.70**

LED Information

	Cool White	Warm White
Total (Watts)		8W
		12W
Lumens Delivered	670lm	700lm
	1175lm	1250lm
Lm/W	83lm	87lm
	98lm	104lm
CRI		Ra 80
CCT		4000K
		3000K
Input		230V
Hertz		50Hz
Operating Temp		-10°C to 25°C

UK CA CE IP65

Astro LED CCT

Supplied c/w Integral Driver and Trim Accessory

5YR

- All polycarbonate multi-purpose LED square bulkhead
- LED performance exceeds CFL equivalents
- Push fit feed-in, feed-out terminals for speed and ease of installation
- Internal CCT selector switch allows the installer to choose the CCT between 3000K and 4000K
- Supplied c/w optional trim attachment which provides a more commercially aesthetic appearance
- Unique Visiluxe diffuser allows 90% light transmission from LED source for increased performance
- Instant light output and unlimited switching
- LED lifespan L70 56,000 hours

Selectable CCT

AALED1/BV/CCT
(Fitted with Trim Attachment)

AALED1/WV/CCT

AALED2/WV/CCT
(Fitted with Trim Attachment)

200   65

AALED1/CCT

260   75

AALED2/CCT

LED Information

Total (Watts)	7W / 14W	
Lumens Delivered	4000K	3000K
7W	655lm	606lm
14W	1269lm	1170lm
Lm/W 7W	94lm	87lm
Lm/W 14W	91lm	84lm
CRI	Ra 80	
CCT	4000K	
	3000K	
Input	230V	
Hertz	50Hz	
Operating Temp	-10°C to 25°C	

Code	Lamp	Description	Trade
AALED1/BV/CCT	LED	7W - Cool White/Warm White - Black Base, Visiluxe Cover	**£76.00**
AALED1/WV/CCT	LED	7W - Cool White/Warm White - White Base, Visiluxe Cover	**£76.00**
AALED2/BV/CCT	LED	14W - Cool White/Warm White - Black Base, Visiluxe Cover	**£107.00**
AALED2/WV/CCT	LED	14W - Cool White/Warm White - White Base, Visiluxe Cover	**£107.00**

Options /PC	Electronic Photocell	+ £33.00
/M3	Emergency (14W only)	+ £50.00
/MWS	Integral Microwave Sensor (14W only)	+ £45.00
/CF	Corridor Function	+ £23.00

UKCA CE IP65 IK09

Delta LED CCT
Supplied c/w Integral Driver and Trim Accessory

- All polycarbonate multi-purpose LED round bulkhead
- LED performance exceeds CFL equivalents
- Push fit feed-in, feed-out terminals for speed and ease of installation
- Internal CCT selector switch allows the installer to choose the CCT between 3000K and 4000K
- Supplied c/w optional trim attachment which provides a more commercially aesthetic appearance
- Unique Visiluxe diffuser allows 90% light transmission from LED source for increased performance
- Instant light output and unlimited switching
- LED lifespan L70 56,000 hours

Selectable CCT

200　65

ADLED1/CCT

260　65

ADLED2/CCT

ADLED1/BV/CCT

ADLED1/WV/CCT
(Fitted with Trim Attachment)

ADLED2/BV/CCT
(Fitted with Louvred Bezel Trim)

LED Information

Total (Watts)	6W / 14W	
Lumens Delivered	4000K	
6W	670lm	3000K
14W	1271lm	628lm
Lm/W 6W	112lm	1190lm
Lm/W 14W	91lm	105lm
CRI	Ra 80	85lm
CCT	4000K	
	3000K	
Input	230V	
Hertz	50Hz	
Operating Temp	-10°C to 25°C	

* Please note that Lm/W rating reduces when using bezel accessories

UK CA　CE　IP65　IK 09

Code	Lamp	Description	Trade
ADLED1/BV/CCT	LED	6W - Cool White/Warm White - Black Base, Visiluxe Cover	£73.00
ADLED1/WV/CCT	LED	6W - Cool White/Warm White - White Base, Visiluxe Cover	£73.00
ADLED2/BV/CCT	LED	14W - Cool White/Warm White - Black Base, Visiluxe Cover	£99.50
ADLED2/WV/CCT	LED	14W - Cool White/Warm White - White Base, Visiluxe Cover	£99.50

Options	/PC	Electronic Photocell	+ £33.00
	/M3	Emergency (14W only)	+ £50.00
	/MWS	Integral Microwave Sensor (14W only)	+ £45.00
	/CF	Corridor Function	+ £23.00

ADLED2/BZ/EYE/B		Black Eyelid Bezel Trim (14W Only)	£11.75
ADLED2/BZ/EYE/W		White Eyelid Bezel Trim (14W Only)	£11.75
ADLED2/BZ/GRILL/B		Black Louvred Bezel Trim (14W Only)	£11.75
ADLED2/BZ/GRILL/W		White Louvred Bezel Trim (14W Only)	£11.75

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Project - Willows Veterinary Hospital
Northwich, UK

Mini Vision 3 LED
Supplied c/w Integral Driver and 3 Trim Designs

ZONE 2 | **5YR**

- IP65 polycarbonate LED luminaire for external applications
- Each fitting supplied with plain, louvred eyelid and plain eyelid covers
- Exceeds performance of 28W TC-DD
- LED lifespan L70 36,000 hours
- Non-dimmable

PIR

Max 8 metres
8 seconds to 5 minutes
2 to 2000 LUX

Ø280

81

Discrete integral PIR

AVIMLED/GR

AVIMLED/SG - Fitted with Louvred Eyelid

AVIMLED/W - Fitted with Plain Eyelid

LED Information

Total (Watts)	9W
Lumens Delivered	797lm
Lm/W	89lm*
CRI	Ra 80
CCT	4000K
Input	230V
Hertz	50/60Hz
Operating Temp	-10°C to 50°C

* Please note that Lm/W rating reduces for eyelid versions

UK CA CE IP65

	Code	Lamp	Description	Trade
Standard	**AVIMLED/GR**	LED	9W - Graphite	**£70.00**
	AVIMLED/SG	LED	9W - Silver Grey	**£70.00**
	AVIMLED/W	LED	9W - White	**£70.00**
PIR	**AVIMLED/GR/PIR**	LED	9W - Graphite - PIR	**£89.00**
	AVIMLED/SG/PIR	LED	9W - Silver Grey - PIR	**£89.00**
	AVIMLED/W/PIR	LED	9W - White - PIR	**£89.00**
Option	**/PC**		Electronic Photocell	**+ £33.00**

Vision 3 CCT LED

Supplied c/w Integral Driver and 3 Trim Designs

5YR **ZONE 2**

- IP65 CCT polycarbonate 3-In-1 LED luminaire for external applications
- Each fitting supplied with plain, louvred eyelid and plain eyelid covers
- CCT selectable between 3000K and 4000K
- Exceeds performance of 38W TC-DD
- LED lifespan L70 56,000 hours
- Dimmable, Photocell, MWS and Emegency options availble

Selectable **CCT**

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Discrete integral PIR

PIR

Max 8 metres
8 seconds to 5 minutes
2 to 2000 LUX

Ø350

125

Fitted with Plain Eyelid

Fitted with Louvred Eyelid

	Code	Lamp	Description	Trade
Standard	AVILED/CCT/GR	LED	17W - Graphite - Cool White/Warm White	£102.00
	AVILED/CCT/SG	LED	17W - Silver Grey - Cool White/Warm White	£102.00
	AVILED/CCT/W	LED	17W - White - Cool White/Warm White	£102.00
PIR	AVILED/CCT/GR/PIR	LED	17W - Graphite - Cool White/Warm White - PIR	£121.00
	AVILED/CCT/SG/PIR	LED	17W - Silver Grey - Cool White/Warm White - PIR	£121.00
	AVILED/CCT/W/PIR	LED	17W - White - Cool White/Warm White - PIR	£121.00
Options	/PC		Electronic Photocell	+ £33.00
	/M3		Emergency	+ £104.00
	/DD		Digital Dimming (DD1/DD2/DD3/DD4)	+ £90.00
	/MWS		Integral Microwave Sensor	+ £56.00

LED Information

Total (Watts)	17W
Lumens Delivered	
Cool White	1420lm
Warm White	1324lm
Lm/W Cool White	84lm*
Lm/W Warm White	83lm*
CRI	Ra 80
CCT	4000K
	3000K
Input	230V
Hertz	50/60Hz
Operating Temp	-10°C to 40°C

* Please note that Lm/W rating reduces for eyelid versions

UK CA CE IP65 IK 09

Vision 3 HP LED
Supplied c/w Integral Driver and 3 Trim Designs

- IP65 polycarbonate 3-In-1 LED luminaire for external applications
- Each fitting supplied with plain, louvred eyelid and plain eyelid covers
- Exceeds performance of CFL equivalents
- Four conduit entry points
- Integral die-cast aluminium heatsink provides thermally managed high performance
- 31W LED lifespan L70 36,000 hours
- Dimmable, Photocell, MWS and Emegency options availble

Removable conduit entry cap for ease of installation

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Ø352

122

LED Information

Total (Watts)	31W
Lumens Delivered 31W	2426lm
Lm/W 31W	78lm*
CRI	Ra 80
CCT	4000K
Input	230V
Hertz	50/60Hz
Operating Temp	-10°C to 50°C

* Please note that Lm/W rating reduces for eyelid versions

Fitted with Solid Eyelid

Fitted with Louvred Eyelid

	Code	Lamp	Description	Trade
	AVILED/HP/GR	LED	31W - Graphite - Cool White	**£121.00**
	AVILED/HP/SG	LED	31W - Silver Grey - Cool White	**£121.00**
	AVILED/HP/W	LED	31W - White - Cool White	**£121.00**
Options	**/PC**		Electronic Photocell	**+ £33.00**
	/M3		Emergency	**+ £85.00**
	/DD		Digital Dimming (DD1/DD2/DD3/DD4)	**+ £90.00**
	/MWS		Integral Microwave Sensor	**+ £56.00**

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Helder LED CCT Circular Bulkhead

Supplied c/w Integral Driver

2YR

Selectable CCT

AHELED/CB

AHELED/CW/PIR

AHELED/EB

Adjustable PIR allows control over the time delay and LUX setting.

TIME — Adjustable time between 10 seconds to 5 minute

LUX — Adjustable LUX between 10 - 2000 LUX

Selectable CCT switch between 3000K, 4000K and 6500K

- All polycarbonate circular bulkhead for external applications
- Only suitable for semi commercial applications
- Fast loop-in / loop-out connections
- CCT selectable between 3000K, 4000K and 6500K
- Comparable performance to 28W TC-DD
- Body options of black or white
- Polycarbonate opal diffuser
- LED lifespan L70 54,000 hours
- Non-dimmable

PIR

Max 10 metres
10 seconds to 5 minutes
10 - 2000 LUX

Ø215   80

	Code	Lamp	Description	Trade
Standard	AHELED/CB	LED	12W - Black - Cool White/Warm White/Daylight	**£27.30**
	AHELED/CW	LED	12W - White - Cool White/Warm White/Daylight	**£27.30**
PIR	AHELED/CB/PIR	LED	12.5W - Black - Cool White/Warm White/Daylight - PIR	**£42.30**
	AHELED/CW/PIR	LED	12.5W - White - Cool White/Warm White/Daylight - PIR	**£42.30**
Standard	AHELED/EB	LED	12W - Black - Cool White/Warm White/Daylight	**£27.30**
Eyelid	AHELED/EW	LED	12W - White - Cool White/Warm White/Daylight	**£27.30**
PIR	AHELED/EB/PIR	LED	12.5W - Black - Cool White/Warm White/Daylight - PIR	**£42.30**
Eyelid	AHELED/EW/PIR	LED	12.5W - White - Cool White/Warm White/Daylight - PIR	**£42.30**

LED Information

Total (Watts)		
Standard		12W
PIR		12.5W
Lumens Delivered		
	Standard	Eyelid
3000K	920lm	567lm
4000K	1058lm	660lm
6500K	990lm	608lm
Lm/W		
3000K	74lm	45lm
4000K	88lm	54lm
6500K	81lm	48lm
CRI		Ra 80
CCT		3000K
		4000K
		6500K
Input		220-240V
Hertz		50/60Hz
Operating Temp	-5°C to 25°C	

UK CA CE ▢ IP54 IK 09

Helder LED CCT Oval Bulkhead
Supplied c/w Integral Driver

Selectable CCT

- All polycarbonate oval bulkhead for external applications
- Only suitable for semi commercial applications
- Fast loop-in / loop-out connections
- CCT selectable between 3000K, 4000K and 6500K
- Comparable performance to 28W TC-DD
- Body options of black or white
- Polycarbonate opal diffuser
- LED lifespan L70 54,000 hours
- Non-dimmable

PIR

Max 10 metres
10 seconds to 5 minutes
10 - 2000 LUX

119
212
60.5

LED Information

Total (Watts)	12W
Lumens Delivered	
3000K	1082lm
4000K	1105lm
6500K	1137lm
Lm/W	
3000K	93lm
4000K	96lm
6500K	97lm
CRI	Ra 80
CCT	3000K
	4000K
	6500K
Input	220-240V
Hertz	50/60Hz
Operating Temp	-5°C to 25°C

UK CA CE ☐ IP54 IK 09

AHELED/OB

AHELED/OW/PIR

Adjustable PIR allows control over the time delay and LUX setting.

Adjustable time between 10 seconds to 5 minute
TIME

Adjustable LUX between 10 - 2000 LUX
LUX

Selectable CCT switch between 3000K, 4000K and 6500K

	Code	Lamp	Description	Trade
Standard	AHELED/OB	LED	12W - Black - Cool White/Warm White/Daylight - Oval	£27.30
	AHELED/OW	LED	12W - White - Cool White/Warm White/Daylight - Oval	£27.30
PIR	AHELED/OB/PIR	LED	12W - Black - Cool White/Warm White/Daylight - PIR - Oval	£42.30
	AHELED/OW/PIR	LED	12W - White - Cool White/Warm White/Daylight - PIR - Oval	£42.30

Sorrento 2 LED CCT
Supplied c/w Integral Driver, Plain Cover and Eyelid Cover

Selectable CCT

- Shallow depth IP65 polycarbonate 2-In-1 LED bulkhead for external applications
- Internal CCT selector switch allows the installer to choose the CCT between 3000K and 4000K
- Supplied with both plain and louvred eyelid covers
- Exceeds performance of 18W PLC
- LED lifespan L70 56,000 hours
- Non-dimmable

181.8

333.9

85.1

ASR2LED/W/CCT
(Plain Cover)

ASR2LED/B/CCT
(Plain Cover)

ASR2LED/B/CCT
(Louvred Eyelid Cover)

ASR2LED/W/CCT
(Louvred Eyelid Cover)

LED Information

Total (Watts)	8W
Lumens Delivered	
Cool White	721lm
Warm White	662lm
Lm/W	
Cool White	90lm
Warm White	83lm
CRI	Ra 80
CCT	4000K
	3000K
Input	230V
Hertz	50/60Hz
Operating Temp	-0°C to 25°C

UK CA CE ▢ **IP65**

Code	Lamp	Description	Trade
ASR2LED/B/CCT	LED	8W - Cool White/Warm White - Black	**£60.50**
ASR2LED/W/CCT	LED	8W - Cool White/Warm White - White	**£60.50**

Sleek LED Polycarbonate Bulkhead

Supplied c/w Integral Driver

2YR **ZONE 2**

- All polycarbonate multi-purpose bulkhead
- Exceeds performance of 9W PL
- Unique Visiluxe diffuser allows 90% light transmission from LED source for increased performance
- Instant light output and unlimited switching
- LED lifespan L70 56,000 hours
- Non-dimmable

125

245

6

81

Code	Lamp	Description	Trade
ASBLED	LED	6W - Cool White	**£36.45**

Options	/PC	Electronic Photocell	+ £33.00
	/MWS	Integral Microwave Sensor	+ £56.00

LED Information

Total (Watts)	6W
Lumens Delivered	440lm
Lm/W	73lm
CRI	Ra 80
CCT	4000K
Input	230V
Hertz	50Hz
Operating Temp	0°C to 25°C

UK CA CE IP65

Sleek LED 110V Polycarbonate Bulkhead

Supplied c/w Integral Driver

ZONE 2 2YR

- All polycarbonate multi-purpose bulkhead
- Exceeds performance of 9W PL
- Unique Visiluxe diffuser allows 90% light transmission from LED source for increased performance
- Suitable for all types of site lighting
- Instant light output and unlimited switching
- Red diffuser accessory available for applications that require warning indication luminaires
- LED lifespan L70 56,000 hours
- Non-dimmable

124

76

244

LED Information

Total (Watts)	5W
Lumens Delivered	424lm
Lm/W	85lm
CRI	Ra 80
CCT	4000K
Input	110V
Hertz	50Hz
Operating Temp	-10°C to 40°C

UK CA CE IP65

Sleek 110V fitted with Red polycarbonate Lens accessory

	Code	Lamp	Description	Trade
	ASBLED/110V	LED	5W - Yellow Base	**£28.65**
Options	**/PC**		Electronic Photocell	**+ £33.00**
	/MWS		Integral Microwave Sensor	**+ £56.00**
Accessory	**ASBLED/DIFF/RED**		Red Polycarbonate Lens	**£7.45**

E27 Aluminium Bulkhead

Supplied Less Lamp

A100PC

- Aluminium alloy body to prevent corrosion
- Option of vandal resistant polycarbonate or glass lens

A100GC

240

100

123

Code	Lamp	Description	Trade
A100PC	E27	100W - Polycarbonate Lens	**£15.15**
A100GC	E27	100W - Glass Lens	**£25.00**

Options	/PC	Electronic Photocell	+ £33.00

E27 Options

100 W	23W 53	20W 53
	130	130

Maximum size and wattage

UK CA CE IP65

E27 Polycarbonate Bulkhead

Supplied Less Lamp

- Vandal resistant all polycarbonate construction

240

60

120

60

130

E27 Options

100 W	23W 53	20W 53
	130	130

Maximum size and wattage

UK CA CE IP65

Code	Lamp	Description	Trade
A100POLY	E27	100W - Black Base	**£15.65**

Options	/PC	Electronic Photocell	+ **£33.00**

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Camini LED

Supplied c/w Integral Driver

3YR

- Compact low level square LED pathway light with downward light spill
- Die-cast aluminium construction with graphite paint finish
- Supplied c/w plastic installation box and pre-wired with 1 metre of rubber insulated cable for ease of installation
- LED lifespan L70 50,000 hours
- Non-dimmable

96

96   110

85
82

LED Information

Total (Watts)	3W
Lumens Delivered	79lm
Lm/W	22lm
CRI	Ra 80
CCT	4000K
Input	230V
Hertz	50/60Hz
Operating Temp	-20°C to 25°C

UK CA   CE   IP65

Code	Lamp	Description	Trade
ACSQLEDWL	LED	3W - Cool White	£105.00

Parona LED
Supplied c/w Integral Driver

- Compact low level circular LED pathway light with downward light spill
- Die-cast aluminium construction with graphite paint finish
- Supplied c/w plastic installation box and pre-wired with 1 metre of rubber insulated cable for ease of installation
- LED lifespan L70 50,000 hours
- Non-dimmable

115   131

90

LED Information

Total (Watts)	3W
Lumens Delivered	178lm
Lm/W	45lm
CRI	Ra 80
CCT	4000K
Input	230V
Hertz	50/60Hz
Operating Temp	-20°C to 25°C

UK CA   CE   IP65

Code	Lamp	Description	Trade
APCLEDWL	LED	3W - Cool White	**£103.00**

Mattone LED Uni-Bricklight CCT

Supplied c/w Integral Driver

3YR

Selectable **CCT**

- Universal polycarbonate LED bricklight
- Unique adjustable feet allows for installation into multiple brick apertures
- Polycarbonate construction ideal for coastal applications
- Push fit loop-in loop-out terminals for ease of installation
- Pre-wired with 600mm of rubber insulated cable
- Supplied c/w installation housing for additional protection and ease of installation
- CCT selectable between 3000K and 4000K
- Non-dimmable

Selectable CCT switch between 3000K and 4000K

261
106
72

LED Information

Total (Watts)	2W
Lumens Delivered	
Cool White	101lm
Warm White	85lm
Lm/W	
Cool White	51lm
Warm White	43lm
Beam Angle	105°
CRI	Ra 80
CCT	4000K
	3000K
Input	230V
Hertz	50Hz
Operating Temp	-10°C to 40°C

Code	Lamp	Description	Trade
AMATBLED	LED	2W - Cool White/Warm White	£63.50

UKCA CE IP65

Robust, full polycarbonate construction provides superior corrosion resistance

Installation back box; making installation and maintenance fast and simple

Adjustable feet allow installation in any brick aperture

Integral switch allows installer the choice of 3000K and 4000K colour temperature options

Adjustable
Feet Design

The unique adjustable feet design allows installation into a range of brick apertures, ranging from 115mm in height to 85mm, ensuring suitability and a precise fit for many brick apertures. The feet allow the product to maintain a fixed position during installation, ensuring it is fast and simple.

Plug and Play
Design

The plug and play design allows the front plate to be temporarily disconnected during installation, allowing the installer easier access to adjust the feet and fix the housing in position before cementing into the wall construction. The installer will simply re-connect the front plate to the housing using the plug and play connector.

Project - Private Residential
Liverpool, UK

Libretto LED Bricklight

Supplied c/w Integral Driver

- Stainless steel front cover with clear polycarbonate front lens and recessed housing
- Integral driver with loop-in, loop-out connections
- LED lifespan L70 40,000 hours
- Non-dimmable

197

71.5

60.7

LED Information

Total (Watts)	2W
Lumens Delivered	126lm
Lm/W	63lm
CRI	Ra 65
CCT	6000K
Input	230V
Hertz	50Hz
Operating Temp	-10°C to 25°C

UK CA   CE   ☐   **IP65**

Code	Lamp	Description	Trade
ALIBLED/WHI	LED	2W - Daylight	**£35.20**

Fidenza LED Bricklight

Supplied c/w Integral Driver

3YR

- Die-cast aluminium housing and front cover
- Toughened front frosted glass
- Metal back box with cable entries for ease of installation
- Optional grill and hood front covers
- LED lifespan L70 50,000 hours
- Non-dimmable

AFBLLED

85   220

80   207

AFBL/GRILL Cover Fitted

AFBL/EYE Cover Fitted

LED Information

Total (Watts)	2.2W
Lumens Delivered	145lm
Lm/W	66lm
CRI	Ra 65
CCT	4000K
Input	230V
Hertz	50/60Hz
Operating Temp	-20°C to 40°C

Code	Lamp	Description	Trade
AFBLLED	LED	2.2W - Cool White	**£118.00**

Accessories	AFBL/GRILL	Front Grill Cover	**£20.60**
	AFBL/EYE	Front Eyelid Cover	**£20.60**

UK CA CE IP65

Project - Private Residential
Warrington, UK

LED Inox Stainless Steel Bricklight
Supplied c/w Integral Driver

5YR

Collezione Italiana

- Die-cast aluminium bricklight with AISI316L stainless steel front cover
- Comparable performance to 18W PLC
- Tempered and frosted 4mm glass diffuser
- Supplied c/w polyethelyne back box for recessing
- LED lifespan L70 50,000 hours
- Non-dimmable

120
250

Box Dimensions

87
80

240

103

Stainless Steel **AISI 316L**

LED Information

Total (Watts)	12W
Lumens Delivered	270lm
Lm/W	23lm
CRI	Ra 70
CCT	3000K
Input	230V
Hertz	50Hz
Operating Temp	-25°C to 35°C

UKCA   CE   IP54

Code	Lamp	Description	Trade
ABLFLED/SS	LED	12W - Warm White	£216.00

Volant LED
Supplied c/w Integral Driver

2YR

- Modern low level surface brick light/wall light
- General illumination ideal for pathway/walkway illumination
- Only suitable for semi commercial applications
- Die-cast aluminium housing graphite powder coated anodized finish
- Tempered frosted glass
- LED lifespan L70 30,000 hours
- Non-dimmable

95

125

250

LED Information

Total (Watts)	7W
Lumens Delivered	302lm
Lm/W	43lm
CRI	Ra 80
CCT	4000K
Input	230V
Hertz	50Hz
Operating Temp	-10°C to 50°C

UK CA CE IP54

Wall Mounted

Low Level Mounted

Code	Lamp	Description	Trade
AVOLEDSWL	LED	7W - Cool White	**£69.50**

Project - Private Residential
Congleton, UK

Calore E27
Supplied Less Lamp

- Ultra modern exterior wall light
- Die-cast frame with tempered glass enclosure
- Textured powder coated anthracite finish
- Ideal for use with LED Filament lamps

129

163

264

180

E27 Options

40W

80

140

Maximum size and wattage

UK CA CE ⏚ IP44

Code	Lamp	Description	Trade
ACAL/E27	E27	40W - Sandy Anthracite	**£92.00**

Latina LED Half Lantern

Supplied c/w Integral Driver

3YR

ALHLLED/PIR/W

ALHLLED/BL

- Contemporary IP65 half lantern and resistant to corrosion
- Textured polycarbonate finish and tinted lens
- LED light bar for uniform light output
- PIR option for convenience and security. Incorporates manual override option
- Colour matching PIR lens cover ensures discreet appearance
- LED lifespan L70 56,000 hours
- Non-dimmable

95   172

344

PIR

Max 8 metres
5 seconds to 8 minutes
2 - 2000 LUX - Photocell
Off

	Code	Lamp	Description	Trade
Standard	**ALHLLED/BL**	LED	8W - Warm White - Black	**£48.10**
	ALHLLED/WH	LED	8W - Warm White - White	**£48.10**
Photocell	**ALHLLED/PC/BL**	LED	8W Photocell - Warm White - Black	**£68.10**
	ALHLLED/PC/WH	LED	8W Photocell - Warm White - White	**£68.10**
PIR	**ALHLLED/PIR/BL**	LED	8W PIR - Warm White - Black	**£63.10**
	ALHLLED/PIR/WH	LED	8W PIR - Warm White - White	**£63.10**

LED Information

Total (Watts)	8W
Lumens Delivered	400lm
Lm/W	53lm
CRI	Ra 80
CCT	3000K
Input	230V
Hertz	50/60Hz
Operating Temp	-10°C to 40°C

UKCA CE ☐ **IP65**

Latina Polycarbonate Half Lantern
Supplied Less Lamp

- Contemporary IP65 half lantern and resistant to corrosion
- Textured polycarbonate finish and tinted lens
- PIR option for convenience and security. Incorporates manual override option
- Colour matching PIR lens cover ensures discreet appearance

95 172

344

PIR

Max 8 metres
5 seconds to 8 minutes
2 - 2000 LUX - Photocell Off

E27 Options

42 W	20W
	65
	140

Maximum size and wattage

UK CA CE IP65

ALHL/BL

ALHL/PIR/WH

	Code	Lamp	Description	Trade
Standard	**ALHL/BL**	E27	42W - Black	**£41.15**
	ALHL/WH	E27	42W - White	**£41.15**
Photocell	**ALHL/PC/BL**	E27	42W Photocell - Black	**£61.15**
	ALHL/PC/WH	E27	42W Photocell - White	**£61.15**
PIR	**ALHL/PIR/BL**	E27	42W PIR - Black	**£56.15**
	ALHL/PIR/WH	E27	42W PIR - White	**£56.15**

Latina LED Wall Lantern

Supplied c/w Integral Driver

3YR

ALWLLED/PIR/BL

ALWLLED/WH

ALWL/CBB

ALWL/CBW

- Contemporary IP65 polycarbonate lantern range and resistant to corrosion
- LED light bar for uniform light output
- Unique design provides installer with option of top arm or bottom arm mounting, without the need of additional wiring (PIR version bottom arm mounting only)
- Textured polycarbonate finish and tinted lens
- PIR option for convenience and security. Incorporates manual override option
- Colour matching PIR lens ensures discreet appearance
- LED lifespan L70 56,000 hours
- Non-dimmable

231   194

410

PIR

Max 8 metres
5 seconds to 8 minutes
2 - 2000 LUX - Photocell
Off

LED Information

Total (Watts)	8W
Lumens Delivered	546lm
Lm/W	68lm
CRI	Ra 80
CCT	3000K
Input	230V
Hertz	50/60Hz
Operating Temp	-10°C to 40°C

	Code	Lamp	Description	Trade
Standard	ALWLLED/BL	LED	8W - Warm White - Black	**£48.10**
	ALWLLED/WH	LED	8W - Warm White - White	**£48.10**
PIR	ALWLLED/PIR/BL	LED	8W PIR - Warm White - Black	**£63.10**
	ALWLLED/PIR/WH	LED	8W PIR - Warm White - White	**£63.10**
Accessories	ALWL/CBB		Wall Lantern Corner Bracket Black	**£9.30**
	ALWL/CBW		Wall Lantern Corner Bracket White	**£9.30**

UKCA CE ▢ IP65

Latina Polycarbonate Wall Lantern
Supplied Less Lamp

- Contemporary IP65 polycarbonate lantern range and resistant to corrosion
- Unique design provides installer with option of top arm or bottom arm mounting, without the need of additional wiring (PIR version bottom arm mounting only)
- Textured polycarbonate finish and tinted lens
- PIR option for convenience and security. Incorporates manual override option
- Colour matching PIR lens ensures discreet appearance

3YR

231 / 193 / 410

PIR

Max 8 metres
5 seconds to 8 minutes
2 - 2000 LUX - Photocell Off

E27 Options

42 W	20W 65
140	

Maximum size and wattage

UK CA CE □ IP65

ALWL/WH

ALWL/CBB

ALWL/CBW

ALWL/PIR/BL

	Code	Lamp	Description	Trade
Standard	**ALWL/BL**	E27	42W - Black	**£41.15**
	ALWL/WH	E27	42W - White	**£41.15**
PIR	**ALWL/PIR/BL**	E27	42W PIR - Black	**£56.15**
	ALWL/PIR/WH	E27	42W PIR - White	**£56.15**
Accessories	**ALWL/CBB**		Wall Lantern Corner Bracket Black	**£9.30**
	ALWL/CBW		Wall Lantern Corner Bracket White	**£9.30**

Roma
Supplied Less Lamp

5YR

Collezione Italiana

- Die-cast aluminium half-lantern in black
- Clear polycarbonate diffuser for E27 versions

265   140

455

E27 Options

100W	23W 53	20W 53
	165	165

Maximum size and wattage

Code	Lamp	Description	Trade
ARE27/HL/BL	E27	100W - Black	£103.00

UK CA   CE   IP44

Lampara
Supplied Less Lamp

5YR

Collezione Italiana

- Die-cast aluminium construction with transparent polycarbonate diffuser
- Black paint finish

410

500

250

E27 Options

100 W	23W	20W
	53	53
	165	165

Maximum size and wattage

Code	Lamp	Description	Trade
ALE27/WL/BL	E27	100W - Black	**£116.00**

UK CA CE IP44

Nizza
Supplied Less Lamp

- Die-cast aluminium four sided lantern
- Black paint finish
- Smoked glass diffuser
- Full size post lanterns incorporate hinged door for easy wiring access

ANE27/WLBA/BL

170
400
260

ANE27/WLBA/BL

170
400
260

ANE27/WLTA/B

ANE27/PIL/BL

170
490

ANE27/PIL/BL

E27 Options		
60W to 100W	23W 53 130	20W 53 130
Maximum size and wattage		

UK CA CE IP44

	Code	Lamp	Description	Trade
Wall Lantern	**ANE27/WLTA/BL**	E27	60W Top Arm - Black	**£79.00**
	ANE27/WLBA/BL	E27	60W Bottom Arm - Black	**£79.00**
Pillar Lantern	**ANE27/PIL/BL**	E27	60W - Black	**£91.50**

Pavia Solar LED

Supplied c/w Integral Driver

3YR **2YR**

- Ultra modern die-cast solar powered aluminium LED bollard
- Only suitable for semi commercial applications
- PIR motion sensor as standard
- Automatic day/night mode switching
- 2 operation modes:-
  1) 15% output after sunset, motion detected 100% output, no motion 15% for 20 hours
  2) Motion detected 100% output, no motion off
- Graphite textured powder coat paint finish
- LED lifespan L70 36,000 hours

Matching
Pavia Wall Light
see p271

120 220

600

PIR

6 to 10 metres
1 minute
10 to 45 LUX

Code	Lamp	Description	Trade
APAVLEDB/60	LED	Cool White	**£131.00**
Accessories ASBP/17		7.4V 1500mAh Replacement Li-ION Battery	**£22.00**

LED Information

Lumens Delivered	230lm
CRI	Ra 80
CCT	4000K
Operating Temp	-20°C to 45°C

UK CA CE IP54

Project - Private Residence
Southport, UK

Talana Solar LED

Supplied c/w Integral Driver

3YR **2YR**

- Ultra modern die-cast solar powered aluminium LED bollard
- Only suitable for semi commercial applications
- PIR motion sensor as standard
- 2 operation modes:-
  1) 11% output after sunset, motion detected 100% output, no motion 11% for 20 hours
  2) Motion detected 100% output, no motion off
- Graphite textured powder coat paint finish
- LED lifespan L70 36,000 hours

210

600

PIR

6 to 10 metres
1 minute
10 to 45 LUX

LED Information

Lumens Delivered	210lm
CRI	Ra 80
CCT	4000K
Operating Temp	-20°C to 45°C

Code	Lamp	Description	Trade
ATASLEDB/60	LED	Cool White	£139.00

Accessories			
ASBP/17		7.4V 1500mAh Replacement Li-ION Battery	£22.00

UK CA CE IP54

Project - Private Residential
Belfast, UK

Project - Private Residential
Chester, UK

Senza LED
Supplied c/w Integral Driver

- Contemporary die-cast aluminium LED bollard
- Only suitable for semi commercial applications
- Graphite textured powder coat paint finish
- Flange mounted base for surface fixing
- LED lifespan L70 36,000 hours
- Non-dimmable

Matching
Senza LED Wall Light

132

132

600

1000

124

124

LED Information

Total (Watts)	6.5W
Lumens Delivered	366lm
Lm/W	52lm
CRI	Ra 80
CCT	4000K
Input	230V
Hertz	50/60Hz
Operating Temp	-20°C to 45°C

UK CA   CE   IP54   IK 07

ASELEDB/060

ASELEDB/100

Code	Lamp	Description	Trade
ASELEDB/060	LED	6.5W - Cool White 600mm	**£101.00**
ASELEDB/100	LED	6.5W - Cool White 1000mm	**£119.00**

Warrington: +44 (0) 1942 433333
Belfast: +44 (0) 2890 773750

Arco LED
Supplied c/w Integral Driver

3YR

- Ultra modern LED bollard
- Only suitable for semi commercial applications
- Graphite textured powder coated paint finish
- Flange mounted base for surface mounting
- LED lifespan L70 36,000 hours
- Non-dimmable

Matching Arco LED Wall Light see p268

Light distribution from head of bollard

AARLEDB/060

AARLEDB/100

171

171

600

1000

138

138

LED Information

Total (Watts)	11W
Lumens Delivered	643lm
Lm/W	58lm
CRI	Ra 80
CCT	4000K
Input	230V
Hertz	50/60Hz
Operating Temp	-20°C to 45°C

Code	Lamp	Description	Trade
AARLEDB/060	LED	11W - Cool White 600mm	**£117.00**
AARLEDB/100	LED	11W - Cool White 1000mm	**£139.00**

UK CA   CE   IP54

Project - Private Residential
York, UK

Project - Private Residential
Surrey, UK

Gila LED
Supplied c/w Integral Driver

- Modern bollard with die-cast aluminium body
- Innovative bi-directional light distribution
- Equivalent performance to 26W PLC
- Powder coated anodized graphite paint finish for enhanced durability
- Flange mounted base for surface fixing
- IP66 loop-in, loop-out connection joint for ease of installation
- LED lifespan L70 30,000 hours
- Non-dimmable

Matching
Gila LED Wall Light
see p289

80   130

700

170   124

LED Information

Total (Watts)	11W
Lumens Delivered	
Cool White	202lm
Warm White	578lm
Lm/W	
Cool White	18lm
Warm White	53lm
CRI	Ra 80
CCT	4000K
	3000K
Input	230V
Hertz	50/60Hz
Operating Temp	-20°C to 40°C

UK CA CE ⏚ IP55

Code	Lamp	Description	Trade
AGLEDB/700	LED	11W - Cool White 700mm	**£223.00**
AGLEDB/700/WW	LED	11W - Warm White 700mm	**£223.00**

Brock LED Bollard

Supplied c/w Integral Driver and Root mounting kit

5YR

- Modern bi-directional bollard providing vivid angled light distribution
- Die-cast aluminium body with a graphite powder coated anodized paint finish for enhanced durability
- Supplied c/w root mounting kit
- LED lifespan L70 50,000 hours
- Non-dimmable

Matching
Brock LED Wall light
see p290

656

150   45

Supplied c/w Root
Mounting kit

LED Information

Total (Watts)	7.7W
Lumens Delivered	
Cool White	452lm
Warm White	447lm
Lm/W	
Cool White	57lm
Warm White	56lm
CRI	Ra 80
CCT	4000K
	3000K
Input	230V
Hertz	50Hz
Operating Temp	-20°C to 25°C

Code	Lamp	Description	Trade
ABRLEDB/650/CW	LED	7.7W - Cool White 650mm	**£205.00**
ABRLEDB/650/WW	LED	7.7W - Warm White 650mm	**£205.00**

UKCA CE IP65

Duet LED
Supplied c/w Integral Driver

3YR

- Ultra modern bollard with die-cast aluminium body
- Powder coated anodized graphite paint finish for enhanced durability
- Flange mounted base for surface fixing
- LED lifespan L70 36,000 hours
- Non-dimmable

Light distribution from the rear of the bollard

Light distribution from the front of the bollard

148
800
220

LED Information

Total (Watts)	17W
Lumens Delivered	1536lm
Lm/W	90lm
CRI	Ra 80
CCT	4000K
Input	100V-240V
Hertz	50/60Hz
Operating Temp	-20°C to 45°C

Code	Lamp	Description	Trade
ADULEDB/080	LED	17W - Cool White 800mm	**£176.00**

UK CA CE IP65

Project - Private Residential
Bath, UK

Project - Public Walkway
Essex, UK

Taurus LED
Supplied c/w Integral Driver

5YR

- Robust die-cast aluminium bollard with a textured graphite finish
- Die-cast aluminium head with polycarbonate lens
- Comparable performance to 70W HQI
- Powered by Philips
- Integral emergency option
- Supplied c/w root mounting kit
- LED lifespan L70 50,000 hours
- Non-dimmable

202

239

1000

180

Emergency Operation

LED Information

Total (Watts)	25W
Lumens Delivered	2390lm
Lm/W	96lm
CRI	Ra 70
CCT	4000K
Input	230V
Hertz	50/60Hz
Operating Temp	-25°C to 50°C

UK CA CE IP66

ATALEDB/1000

ATALEDB/1000/PIR

	Code	Lamp	Description	Trade
	ATALEDB/1000	LED	25W - Cool White 1000mm	**£264.00**
	ATALEDB/1000/PIR	LED	25W - Cool White 1000mm - PIR	**£281.00**
Option	**/M3**		Emergency	**+ £88.00**

Warrington: +44 (0) 1942 433333
Belfast: +44 (0) 2890 773750

Project - Commercial Development
Stockport, UK

Leo CCT LED Polycarbonate Bollard

Supplied c/w Integral Driver

- Modern styled bollard with polycarbonate construction
- White reflector with clear polycarbonate diffuser
- Polycarbonate construction is ideal for coastal applications
- Suitable for domestic and commercial applications
- Supplied c/w root mounting kit, can be surface mounted with rawbolts
- CCT selectable between 3000K and 4000K
- LED lifespan L70 61,000 hours
- Non-dimmable

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TRIDONIC
enlightening your ideas

LED Information

Total (Watts)		8W
		13W
		13W

Lumens Delivered	4000K	3000K
8W	592lm	533lm
13W	922lm	880lm
13W	922lm	880lm

Lm/W		
8W	74lm	67lm
13W	77lm	73lm
13W	77lm	73lm

CRI	Ra 80
CCT	3000K
	4000K
Input	230V
Hertz	50/60Hz
Operating Temp	-10°C to 40°C

UK CA CE IP65

ALEOLED/CCT/045/GR   ALEOLED/CCT/075/GR   ALEOLED/CCT/100/GR

Code	Lamp	Description	Trade
ALEOLED/CCT/045/GR	LED	8W - Warm White/Cool White 450mm	**£127.00**
ALEOLED/CCT/075/GR	LED	13W - Warm White/Cool White 750mm	**£158.00**
ALEOLED/CCT/100/GR	LED	13W - Warm White/Cool White 1000mm	**£178.00**

Warrington: +44 (0) 1942 433333
Belfast: +44 (0) 2890 773750

Monza
Supplied Less Lamp

5YR

- Die-cast extruded aluminium bollard with external louvred head
- Textured black powder coat finish
- Suitable for commercial and domestic applications

Collezione Italiana

AME27045/BL   AME27075/BL   AME27100/BL

130 | 130 | 130
450 | 750 | 1000
160 | 160 | 160

E27 Options

100 W	23W 53	20W 53
	165	165

Maximum size and wattage

Code	Lamp	Description	Trade
AME27045/BL	E27	100W 450mm	**£161.00**
AME27075/BL	E27	100W 750mm	**£188.00**
AME27100/BL	E27	100W 1000mm	**£214.00**

Accessories	ARMK3	Root Mounting Kit	£61.00

UK CA   CE   ⏚   **IP44**

Monza Inox Stainless Steel
Supplied Less Lamp

5YR

- High Grade AISI 316L stainless steel bollard
- External louvred head and opal polycarbonate diffuser
- Suitable for commercial and domestic applications

160

160

160

1000

750

450

145

145

145

E27 Options

75 W	23W 53	20W 53
	165	165

Maximum size and wattage

UK CA CE ⏚ **IP44**

AME27045/SS

AME27075/SS

AME27100/SS

Stainless Steel **AISI 316L**

	Code	Lamp	Description	Trade
	AME27045/SS	E27	75W 450mm	**£366.00**
	AME27075/SS	E27	75W 750mm	**£423.00**
	AME27100/SS	E27	75W 1000mm	**£511.00**
Accessories	**ARMK3**		Root Mounting Kit	**£61.00**

Aquila
Supplied Less Lamp

5YR

- Die-cast aluminium bollard with four pillars and opal polycarbonate diffuser
- Textured black powder coat finish
- Suitable for commercial and domestic applications

Collezione Italiana

AAE27045/BL   AAE27075/BL   AAE27100/BL

130
130
130
450   750   1000
160   160   160

Code	Lamp	Description	Trade
AAE27045/BL	E27	75W 450mm	£131.00
AAE27075/BL	E27	75W 750mm	£154.00
AAE27100/BL	E27	75W 1000mm	£184.00
Accessories ARMK3		Root Mounting Kit	£61.00

E27 Options

100 W	23W 53	20W 53
	165	165

Maximum size and wattage

UK CA   CE   IP44

Libra
Supplied Less Lamp

- Die-cast aluminium bollard with polycarbonate diffuser
- Internal stainless steel louvre
- Detachable head for easy access to lamp housing
- Suitable for surface mounting
- Supplied with root mounting kit

138

1000

170

E27 Options

100 W	23W 53	20W 53
	130	130

Maximum size and wattage

UK CA   CE   ⏚   **IP65**

Code	Lamp	Description	Trade
ALIB/100E27	E27	100W 1000mm	**£118.00**

Orno LED Portable Lantern

Supplied c/w DC Adaptor

AORNLED/PL1
White LED

AORNLED/PL2

- Modern portable lantern range suitable for domestic applications
- Anodised powder coated die-cast frame construction, c/w polycarbonate enclosure for enhanced durability
- Chargeable USB battery power ensures no installation or maintenance is required
- Integrated bluetooth speaker allows pairing with smart device for audio playback (AORNLED/PL2 Only)
- A selection of light outputs can be selectable via an external touch pad (AORNLED/PL1 Only)
- USB 2.0 output allows a smartphone to be charged from the fitting
- Up to 6 hours of battery life
- LED lifespan L70 36,000 hours

267

180   180
AORNLED/PL1

358

145   145
AORNLED/PL2

LED Information

Total (Watts)	5W
Lumens Delivered	353lm
Lm/W	71lm
CRI	Ra 80
CCT	4000K
Input	3.7VDC
Operating Temp	-20°C to 45°C

Code	Lamp	Description	Trade
AORNLED/PL1	LED	5W - Small/Cool White	**£145.00**
AORNLED/PL2	LED	6W - Large/Cool White	**£174.00**

UK CA CE IP54

Project - Private Residential
Congleton, UK

Lazer AC LED Projector

Integrated AC LED Technology

- High performance LED projector light
- Push fit loop-in loop-out for ease of installation
- Integrated AC LED technology
- Die-cast aluminium construction with textured graphite paint finish
- Cross anti-glare and hood accessory available
- LED lifespan L70 33,000 hours
- Non-dimmable

Cross Anti-Glare Accessory   Hood Accessory

Code	Lamp	Description	Trade
ALAZPLED2	LED	30W - Warm White	**£212.00**
ALAZPLED/C		Cross Anti-Glare Accessory	**£21.20**
Accessories **ALAZPLED/H**		Hood Accessory	**£27.55**

LED Information

Total (Watts)	30W
Lumens Delivered	2581lm
Lm/W	86lm
Beam Angle	28°
CRI	Ra 80
CCT	3000K
Input	220-240V
Hertz	50Hz
Operating Temp	-20°C to 40°C

UKCA CE IP66

Rondo AC LED Surface/Spike Light
Integrated AC LED Technology

- High performance LED feature light
- Suitable for surface or spike mounting (spike accessory included)
- Integrated AC LED technology
- 60° beam angle
- Die-cast aluminium construction with textured graphite paint finish
- Pre-wired with 2 metres of H07RN-F cable
- LED lifespan L70 30,000 hours
- Non-dimmable

Wall Mounting

138
100
140
100
173

Spike Mounting

Surface Mounting

LED Information

Total (Watts)	20W
Lumens Delivered	1200lm
Lm/W	60lm
Beam Angle	60°
CRI	Ra 80
CCT	4000K
Input	230V
Hertz	50/60Hz
Operating Temp	-20°C to 40°C

UK CA CE IP65

Code	Lamp	Description	Trade
AROLEDSSS	LED	20W - Cool White	**£146.00**

Project - Southport Flower Show
Southport, UK

Meteor LED Submersible
Supplied Less Driver

- Surface or submersible spot for external applications
- 316L stainless steel construction housing with adjustable head
- Pre-wired with 3 metres of rubber insulated cable
- Submersible to a depth of up to 3 metres
- LED lifespan L70 50,000 hours

85
70
70
85
104

LED Information

Total (Watts)	6W
Lumens Delivered	547lm
Lm/W	91lm
CRI	Ra 75
CCT	4000K
Input	350mA
Operating Temp	-20°C to 40°C

UK CA CE IP68

	Code	Lamp	Description	Trade
	AMETLED	LED	6W - Cool White	**£188.00**
Accessories	**AD9W/350**		9W 350mA LED Driver	**£19.95**
	ADK20W/350		20W 350mA LED Driver	**£14.45**
	AMCD25W		0-15W Multicurrent Driver	**£63.00**
	AMCD50W		0-20W Multicurrent Driver	**£114.00**

Spirit LED Asymmetrical Projector

Supplied c/w Integral Driver

5YR

ASPPLED/ASY/WW

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ASPPLED/ASY/CW

- High performance LED projector light
- Suitable for ground or wall mounting
- Die-cast aluminium construction with textured graphite finish
- LED lifespan L90 B50 36,000 hours
- Non-dimmable

- **Internal application examples**:-
  Transport hubs, churches and historical buildings amongst other commercial applications. Ideal to improve atmosphere and brighten indoor spaces

- **External application examples:-**
  Commercial buildings to provide a sufficient wall washer effect for projected facades

LED Information

Total (Watts)	24W
Lumens Delivered	
Cool White	1700lm
Warm White	1600lm
Lm/W	
Cool White	71lm
Warm White	66lm
CRI	Ra 80
CCT	4000K
	3000K
Input	230V
Hertz	50Hz
Operating Temp	0°C to 25°C

Code	Lamp	Description	Trade
ASPPLED/ASY/CW	LED	24W - Cool White	**£190.00**
ASPPLED/ASY/WW	LED	24W - Warm White	**£190.00**

UK CA CE ⊕ IP65

Spirit LED Symmetrical Projector

Supplied c/w Integral Driver

- High performance LED projector light
- Suitable for ground or wall mounting
- Die-cast aluminium construction with textured graphite finish
- Comparable performance to 35W CDM-T
- LED lifespan L90 B50 36,000 hours
- Non-dimmable

- **Internal application examples**:-
  Historical buildings, churches and hotel lobbies. Ideal at improving atmosphere and brightening indoor spaces

- **External application examples:-**
  Communal and residential gardens. ideal for illuminating landscapes providing a sufficient floodlight effect

ASPPLED/SYM/WW

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ASPPLED/SYM/CW

LED Information

Total (Watts)	24W
Lumens Delivered	
Cool White	2150lm
Warm White	1975lm
Lm/W	
Cool White	90lm
Warm White	83lm
CRI	Ra 80
CCT	4000K
	3000K
Input	230V
Hertz	50Hz
Operating Temp	0°C to 25°C

Code	Lamp	Description	Trade
ASPPLED/SYM/CW	LED	24W - Cool White	**£230.00**
ASPPLED/SYM/WW	LED	24W - Warm White	**£230.00**

UK CA CE ⏚ **IP65**

Garda LED WiZ
Supplied c/w Integral Driver

- Dual purpose WiZ enabled garden spotlight supplied with wall mounting bracket and spike
- Create the ambience of your choice with 16 million colours, as well as warm to cool white light
- Polycarbonate construction suitable for coastal areas
- Pre-wired with 2 metres of rubber insulated cable
- LED lifespan L70 50,000 hours

RGBTW

OCTO

WiZ CONNECTED

120

Ø90

165

235

UK CA CE IP65

LED Information

Total (Watts)	6.5W
Lumens Delivered	
2700K ◄►6500K	
420lm ◄►500lm	
Lm/W	
2700K◄►6500K	
65lm ◄► 77lm	
CRI	Ra 80
CCT	Tunable White
	RGBTW
Input	220/240V
Hertz	50Hz
Operating Temp	-20°C to 40°C

Spike Fixing

Wall Mounting

AGARLED/RGBTW/OCTOW
Red

AGARLED/RGBTW/OCTOW
Green

AGARLED/RGBTW/OCTOW
Blue

Code	Lamp	Description	Trade
AGARLED/RGBTW/OCTOW	LED	6.5W LED - RGBTW	**£104.00**

Garda GU10 LED
Supplied Less Lamp

3YR

- Dual purpose garden spotlight supplied with wall mounting bracket and spike
- Polycarbonate construction suitable for coastal areas
- Pre-wired with 2 metres of rubber insulated cable
- Suitable for GU10 LED lamps only as detailed

Spike Fixing

Wall Mounting

120

Ø60

165

235

GU10 LED Option

LED

50

56

Maximum size

Code	Lamp	Description	Trade
AGAR/GU10	GU10	5W LED GU10	**£61.50**

UK CA CE **IP65**

Flora GU10 LED
Supplied Less Lamp

3YR

- Dual purpose garden spotlight supplied with wall mounting bracket and spike
- Polycarbonate construction suitable for coastal areas
- Manufactured from 100% recyclable materials
- Pre-wired with 2 metres of rubber insulated cable
- Suitable for GU10 LED lamps only as detailed

155

233

110

GU10 LED Option

LED

50

56

Maximum size

Wall Mounting

Spike Fixing

Code	Lamp	Description	Trade
AFGS/GU10LED	LED	5W LED GU10	**£50.00**

UK CA CE IP65 IK 08

Turlock LED Inground Uplight

Supplied c/w Integral Driver

5YR

ATURWOLED/70

Powered by

HEP

ATURWOLED/70/WW

2-way Mini drive over cover

4-way Mini drive over cover

- Powerful compact LED inground uplight
- Exceeds performance of 50W Halogen
- Die-cast aluminium construction with 316L stainless steel top frame
- Static load test to 2000kg
- Supplied c/w installation housing for additional protection and ease of installation
- Pre-wired with 1 metre of rubber insulated cable
- LED lifespan L70 50,000 hours
- Non-dimmable

140

74

Ø68

LED Information

Total (Watts)	3W
Lumens Delivered	
Cool White	135lm
Warm White	124lm
Lm/W	
Cool White	45lm
Warm White	41lm
Beam Angle	26°
CRI	Ra 80
CCT	4000K
	3000K
Input	230V
Hertz	50/60Hz
Operating Temp	-20°C to 25°C

	Code	Lamp	Description	Trade
	ATURWOLED/70	LED	3W - Cool White	**£57.00**
	ATURWOLED/70/WW	LED	3W - Warm White	**£57.00**
Accessories	ATURWOLED/70/2		2-Way Mini Drive Over Cover Accessory	**£29.20**
	ATURWOLED/70/4		4-Way Mini Drive Over Cover Accessory	**£29.20**

UK CA   CE   IP67   IK 10

Project - Private Residential
Abersoch, UK

Turlock LED Inground Uplight
Supplied c/w Integral Driver

5YR

Powered by

HEP

ATURWOLED/95

ATURWOLED/95/WW

- Powerful compact LED inground uplight
- Exceeds performance of 35W CDM-T
- Static load test to 2000kg
- Supplied c/w installation housing for additional protection and ease of installation
- Die-cast aluminium construction with 316L stainless steel top frame
- Pre-wired with 1 metre of rubber insulated cable
- LED lifespan L70 50,000 hours
- Non-dimmable

170

101

Ø95

LED Information

Total (Watts)	4W
Lumens Delivered	
Cool White	390lm
Warm White	301lm
Lm/W	
Cool White	97lm
Warm White	75lm
Beam Angle	21°
CRI	Ra 80
CCT	4000K
	3000K
Input	230V
Hertz	50/60Hz
Operating Temp	-20°C to 25°C

Code	Lamp	Description	Trade
ATURWOLED/95	LED	4W - Cool White	£112.00
ATURWOLED/95/WW	LED	4W - Warm White	£112.00

UK CA   CE   IP67   IK 10

Turlock LED Inground Uplight
Supplied c/w Integral Driver

5YR

- High performance LED inground uplight
- Exceeds performance of 70W CDM-T
- Static load test to 2000kg
- Supplied c/w installation housing for additional protection and ease of installation
- Die-cast aluminium construction with 316L stainless steel top frame
- Pre-wired with 1 metre of rubber insulated cable
- LED lifespan L70 50,000 hours
- Triac dimmable as standard

Powered by

HEP

190

180

Ø175

ATURWOLED/175

ATURWOLED/175/WW

LED Information

Total (Watts)	8W
Lumens Delivered	
Cool White	884lm
Warm White	785lm
Lm/W	
Cool White	110lm
Warm White	98lm
Beam Angle	18°
CRI	Ra 80
CCT	4000K
	3000K
Input	230V
Hertz	50/60Hz
Operating Temp	-20°C to 25°C

UK CA CE IP67 IK 10

Code	Lamp	Description	Trade
ATURWOLED/175	LED	8W - Cool White	**£202.00**
ATURWOLED/175/WW	LED	8W - Warm White	**£202.00**

Turlock LED Inground Uplight

Supplied c/w Integral Driver

5YR

Powered by

HEP

ATURWOLED/230

ATURWOLED/230/WW

- High performance inground uplight
- Exceeds performance of 70W CDM-T
- Static load test to 2000kg
- Supplied c/w installation housing for additional protection and ease of installation
- Die-cast aluminium construction with 316L stainless steel top frame
- Pre-wired with 1 metre of rubber insulated cable
- LED lifespan L70 50,000 hours
- Non-dimmable

230

234

Ø230

LED Information

Total (Watts)	19W
Lumens Delivered	
Cool White	2214lm
Warm White	2021lm
Lm/W	
Cool White	116lm
Warm White	106lm
Beam Angle	20°
CRI	Ra 80
CCT	4000K
	3000K
Input	230V
Hertz	50/60Hz
Operating Temp	-20°C to 25°C

Code	Lamp	Description	Trade
ATURWOLED/230	LED	19W - Cool White	£316.00
ATURWOLED/230/WW	LED	19W - Warm White	£316.00

UK CA CE ⏚ IP67 IK 10

Fresno LED Adjustable Inground Uplight
Supplied c/w Integral Driver

- High performance LED adjustable inground uplight
- Exceeds performance of 35W CDM-T
- 304L stainless steel bezel and powder coated aluminium housing
- Supplied c/w installation housing for additional protection and ease of installation
- Integral driver and pre-wired with 2 metres of rubber insulated cable
- Static load test to 2000kg and therefore suitable for vehicular and pedestrian traffic
- LED lifespan L70 36,000 hours
- Non-dimmable

5YR

195

Ø185

Ø230

250

Installation Sleeve

LED Information

Total (Watts)	15W
Lumens Delivered	
Cool White	1092lm
Warm White	903lm
Lm/W	
Cool White	73lm
Warm White	60lm
Beam Angle	11°
CRI	Ra 80
CCT	3000K
	4000K
Input	230V
Hertz	50Hz
Operating Temp	-20°C to 40°C

UK CA CE ⏚ IP67 IK 10

Adjustable 30° beam angle

Code	Lamp	Description	Trade
AFRWOLED/185	LED	15W - Warm White	**£235.00**
AFRWOLED/185/CW	LED	15W - Cool White	**£235.00**

Fresno LED Adjustable Inground Uplight

Supplied c/w Integral Driver

5YR

- High performance LED adjustable inground uplight
- Outperforms 70W CDM-T
- 304L stainless steel bezel and powder coated aluminium housing
- Supplied c/w installation housing for additional protection and ease of installation
- Integral driver and pre-wired with 2 metres of rubber insulated cable
- Static load test to 2000kg and therefore suitable for vehicular and pedestrian traffic
- LED lifespan L70 36,000 hours
- Non-dimmable

2000kg

218

Ø220

Ø250

260

Installation Sleeve

Adjustable 30° beam angle

Code	Lamp	Description	Trade
AFRWOLED/220	LED	20W - Warm White	£273.00
AFRWOLED/220/CW	LED	20W - Cool White	£273.00

LED Information

Total (Watts)	20W
Lumens Delivered	
Cool White	1076lm
Warm White	998lm
Lm/W	
Cool White	54lm
Warm White	50lm
Beam Angle	15°
CRI	Ra 80
CCT	3000K
	4000K
Input	230V
Hertz	50Hz
Operating Temp	-20°C to 40°C

UK CA   CE   IP67   IK 10

Fresno LED Adjustable Inground Uplight
Supplied c/w Integral Driver

- High performance LED adjustable inground uplight
- Exceeds performance of 70W CDM-T
- 304L stainless steel bezel and powder coated aluminium housing
- Supplied c/w installation housing for additional protection and ease of installation
- Integral driver and pre-wired with 2 metres of rubber insulated cable
- Static load test to 2000kg and therefore suitable for vehicular and pedestrian traffic
- LED lifespan L70 36,000 hours
- Non-dimmable

240

Ø270

315

Ø330

Installation Sleeve

LED Information

Total (Watts)	30W
Lumens Delivered	
Cool White	1938lm
Warm White	1770lm
Lm/W	
Cool White	65lm
Warm White	59lm
Beam Angle	21°
CRI	Ra 80
CCT	3000K
	4000K
Input	230V
Hertz	50Hz
Operating Temp	-20°C to 40°C

UK CA   CE   IP67   IK10

Adjustable 30° beam angle

Code	Lamp	Description	Trade
AFRWOLED/270	LED	30W - Warm White	£356.00
AFRWOLED/270/CW	LED	30W - Cool White	£356.00

Warrington: +44 (0) 1942 433333
Belfast: +44 (0) 2890 773750

GU10/MR16 Inground Uplight

Supplied Less Lamp

3YR

- Supplied with both MR16 and GU10 lampholders
- Compact inground uplight which accepts 12V and mains halogen, CFL and LED lamps
- Housing in die-cast aluminium with clear toughened glass diffuser of 10mm thickness
- 316 stainless steel top ring and stainless steel allen key screws
- Suitable for light vehicular traffic with a static impact resistance of up to 2000kgs
- Supplied with recessed sleeve in high resistant thermoplastic

98

2000kg

155

95
With Sleeve

80
Without Sleeve

Caution: surface glass temperature will get very hot under normal halogen operation. It is recommended to use GU10 LED lamps for cooler operation.

GU10 LED Option

LED
50
56
Maximum size

Code	Lamp	Description	Trade
AWO50	GU10/MR16	50W	£45.90

UK CA CE III ⏚ **IP67**

MR16   GU10

GU10 Adjustable Inground Uplight
Supplied Less Lamp

- Die-cast aluminium housing with a clear toughened glass diffuser of 8mm thickness
- 304 stainless steel top ring and stainless steel allen key screws
- Adjustable lampholder to allow up to 15° vertical inclination of lamp
- Suitable for pedestrian traffic with a static impact resistance of up to 1000kgs

92
149

1000kg
183
135

136

Caution: surface glass temperature will get very hot under normal halogen operation. It is recommended to use GU10 LED lamps for cooler operation.

GU10 LED Option
LED
50
18
GU10
Maximum size

UKCA CE IP65

Code	Lamp	Description	Trade
AWO/GU10	GU10	50W	**£79.50**

Project
Football Pitches
- Leeds, UK

Aztec LED Asymmetric
- p405

Floodlighting

401

Colossus HO LED

402

Mira 2 LED

403

Orion LED Asymmetric

404-405

Aztec LED Asymmetric

406-407

Aztec LED Symmetrical

408-409

Mira LED

410-411

Vaste LED

414-415

Zion LED Black

416-417

Zion LED White

418

Zion LED 110V

420-421

Calinor LED

422-423

Eden LED

424

Lynx LED Mini Wallpack

425

Lynx LED Wallpack

426

Panther LED Wallpack

428

Asuri LED Post Top

430

Helix LED CCT Post Top

433

Onix LED Street Light

434

Magna LED Street Light

436

Spirit LED Asymmetrical Projector

437

Spirit LED Symmetrical Projector

Asymmetrical vs Symmetrical Floodlights

Spill Light

Task Light

Back Light

Upward reflected Light

Area to be lit

Asymmetrical

- Asymmetrical light is directed in front of the fixture and where illuminance is required
- Integrated advanced optics that allow to direct the light beam
- Ideal for use in built up areas such sports grounds, open car parks and tennis courts where light pollution for neighbouring properties is a consideration
- Asymmetrical floodlights are able to provide up to 50% better output utilisation into the intended illuminated area and achieve up to 50% less light pollution

Direct upward light

Light intrusion

Viewed source intensity

Symmetrical

- Symmetrical light sources distribute light evenly in all directions,
- Suitable for general lighting of open spaces
- Ideal for installation in large spaces such as construction sites, outdoor storage and warehouse yards

Designed to
Deliver...

Colossus HO LED
Supplied c/w Remote LED Driver in a IP65 Enclosure

5YR

- Die-cast aluminium luminaire with symmetrical light distribution
- High output, high efficiency floodlight
- Suitable for large external sports or industrial applications
- 500W exceeds the performance of 1000W HQI
- 1000W comparable to performance of 2000W HQI
- Supplied with remote mounted control gear in an IP65 enclosure
- LED Lifespan L70 50,000 hours
- Non-dimmable

441
603
194
144

ACOLED500

Powered by

MW
MEAN WELL

ACOLOED500

740
603
194
144

ACOLED1000

ACOLOED1000

Remote IP65 Enclosure

LED Information

Total (Watts)	500W
	1000W
Lumens Delivered	
500W	66489lm
1000W	132827lm
Beam Angle	60°
Lm/W 500W	133lm
Lm/W 1000W	133lm
CRI	Ra 70
CCT	5000K
Input	100/240V
Hertz	50/60Hz
Operating Temp	-40°C to 40°C

UK CA CE IP65 IK 08

Code	Lamp	Description	Windage	Trade
ACOLOED500	LED	500W - Daylight	0.27	**£1,514.00**
ACOLOED1000	LED	1000W - Daylight	0.45	**£2,920.00**

Mira 2 LED Asymmetric

Supplied c/w Integral Driver

5YR

- Die-cast LED floodlight with textured graphite colour finish
- Asymmetric reflector for anti-light pollution
- Exceeds the performance of 1000W HQI
- Lighting for large open spaces, sports centres and industrial spaces
- LED lifespan L70 50,000 hours
- Non-dimmable

655

497

685

445

645

272

Code	Lamp	Description	Windage	Trade
AM2LED/ASY/500	LED	500W - Daylight	0.30	**£1,481.00**
AM2LED/ASY/800	LED	789W - Daylight	0.30	**£2,286.00**

Options	/PC	Electronic Photocell		**+ £33.00**

LED Information

Total (Watts)	500W
	789W
Lumens Delivered	
500W	72862lm
789W	109264lm
Lm/W 500W	146lm
Lm/W 789W	138lm
CRI	Ra 70
CCT	5000K
Input	100/270V
Hertz	50/60Hz
Operating Temp	-20°C to 50°C

UKCA CE IP65 IK 07

Orion Asymmetrical LED
Supplied c/w Integral Driver

5YR

- High performance die-cast aluminium LED floodlight
- High output, high efficiency asymmetric lens technology for anti-light pollution
- High specification IP66, IK08 ratings
- 100W exceeds performance of 150W HQI-T
- 150W exceed performance of 250W HQI-T
- 200W comparable light output of 400W HQI-T
- Pre-wired with 1 metre of rubber insulated cable for ease of installation
- LED lifespan L80 36,000 hours
- Non-dimmable

339   75
295
AORFLED100/ASY

448   75
415
AORFLED150/ASY

493   81
430
AORFLED200/ASY

AORFLED100/ASY

AORFLED150/ASY

AORFLED200/ASY

LED Information

Total (Watts)	100W
	150W
	200W
Lumens Delivered	
100W	12298lm
150W	20331lm
200W	27577lm
Lm/W	
100W	123lm
150W	136lm
200W	138lm
CRI	Ra 70
CCT	4000K
Input	100-240VAC
Hertz	50/60Hz
Operating Temp	-40°C to 40°C

UK CA   CE   IP66   IK 08

Code	Lamp	Description	Windage	Trade
AORFLED100/ASY	LED	100W - Cool White	0.11	**£186.00**
AORFLED150/ASY	LED	150W - Cool White	0.24	**£227.00**
AORFLED200/ASY	LED	200W - Cool White	0.27	**£287.00**

Aztec LED Asymmetric

Supplied c/w Integral Driver

5YR

- High performance die-cast aluminium LED floodlight
- High output, high efficiency asymmetric lens technology for anti-light pollution
- Pre-installed breathable gland prevents internal moisture accumulation
- High specification IP66, IK08 ratings
- 60° x 120° beam angle
- 50W exceeds performance of 70W HQI-TS
- 100W exceeds performance of 150W HQI-TS
- 150W exceeds performance of 250W HQI-TS
- Pre-wired with 1.5 metre of rubber insulated cable for ease of installation
- LED lifespan L80 B10 54,000 hours
- Non-dimmable

AAZLED50/ASY

AAZLED100/ASY

AAZLED150/ASY

190   55
267

AAZLED50

230   61
314

AAZLED100

260   67
360

AAZLED150

LED Information

Total (Watts)	50W
	100W
	150W

Lumens Delivered	
50W	6800lm
100W	14250lm
150W	21100lm

Lm/W	
50W	136lm
100W	143lm
150W	141lm

CRI	Ra 70
CCT	5000K
Input	230V
Hertz	50/60Hz
Operating Temp	-30°C to 50°C

Code	Lamp	Description	Windage	Trade
AAZLED50/ASY	LED	50W - Cool White	0.07	**£171.00**
AAZLED100/ASY	LED	100W - Cool White	0.09	**£321.00**
AAZLED150/ASY	LED	150W - Cool White	0.11	**£376.00**

Options	/PC	Electronic Photocell		+ £33.00

UK CA CE IP66 IK 08

Aztec LED Asymmetric

Supplied c/w Integral Driver

- High performance die-cast aluminium LED floodlight
- High output, high efficiency asymmetric lens technology for anti-light pollution
- Pre-installed breathable gland prevents internal moisture accumulation
- High specification IP66, IK08 ratings
- 60° x 120° beam angle
- 200W exceeds performance of 320W HQI-T
- 300W exceeds performance of 400W HQI-T
- Pre-wired with 1.5 metre of rubber insulated cable for ease of installation
- LED lifespan L80 B10 54,000 hours
- Non-dimmable

AAZLED200

AAZLED300

AAZLED200/ASY

AAZLED300/ASY

LED Information

Total (Watts)	200W
	300W
Lumens Delivered	
200W	28250lm
300W	42500lm
Lm/W	
200W	141lm
300W	142lm
CRI	Ra 70
CCT	5000K
Input	230V
Hertz	50/60Hz
Operating Temp	-30°C to 50°C

Code	Lamp	Description	Windage	Trade
AAZLED200/ASY	LED	200W - Cool White	0.14	**£428.00**
AAZLED300/ASY	LED	300W - Cool White	0.2	**£695.00**

Options	/PC	Electronic Photocell		+ £33.00

Aztec LED Symmetrical

Supplied c/w Integral Driver

AAZLED50

AAZLED100

AAZLED150

- High performance die-cast aluminium luminaire with symmetrical light distribution
- High output, high efficiency floodlight
- Pre-installed breathable gland prevents internal moisture accumulation
- High specification IP66, IK08 ratings
- 120° beam angle
- 50W exceeds performance of 70W HQI-TS
- 100W exceeds performance of 150W HQI-TS
- 150W exceeds performance of 250W HQI-TS
- Pre-wired with 1.5 metre of rubber insulated cable for ease of installation
- LED lifespan L80 B10 54,000 hours
- Non-dimmable

AAZLED50

AAZLED100

AAZLED150

LED Information

Total (Watts)	50W
	100W
	150W
Lumens Delivered	
50W	7000lm
100W	14750lm
150W	21750lm
Lm/W	
50W	140lm
100W	148lm
150W	145lm
CRI	Ra 70
CCT	5000K
Input	230V
Hertz	50/60Hz
Operating Temp	-30°C to 50°C

	Code	Lamp	Description	Windage	Trade
	AAZLED50	LED	50W - Cool White	0.07	£171.00
	AAZLED100	LED	100W - Cool White	0.09	£321.00
	AAZLED150	LED	150W - Cool White	0.11	£376.00
Options	/PC		Electronic Photocell		+ £33.00

Aztec LED Symmetrical
Supplied c/w Integral Driver

5YR

- High performance die-cast aluminium luminaire with symmetrical light distribution
- High output, high efficiency floodlight
- Pre-installed breathable gland prevents internal moisture accumulation
- High specification IP66, IK08 ratings
- 120° beam angle
- 200W exceeds performance of 320W HQI-T
- 300W exceeds performance of 400W HQI-T
- Pre-wired with 1.5 metre of rubber insulated cable for ease of installation
- LED lifespan L80 B10 54,000 hours
- Non-dimmable

AAZLED200

300 / 70 / 398

AAZLED200

363 / 80 / 470

AAZLED300

AAZLED300

LED Information

Total (Watts)	200W
	300W
Lumens Delivered	
200W	28500lm
300W	44000lm
Lm/W	
200W	143lm
300W	147lm
CRI	Ra 70
CCT	5000K
Input	230V
Hertz	50/60Hz
Operating Temp	-30°C to 50°C

UKCA CE IP66 IK08

Code	Lamp	Description	Windage	Trade
AAZLED200	LED	200W - Cool White	0.14	**£428.00**
AAZLED300	LED	300W - Cool White	0.2	**£695.00**

Options	/PC	Electronic Photocell		+ £33.00

Mira LED
Supplied c/w Integral Driver

5YR

AMLED30

PIR

6 Metres
10 Seconds - 10 Minutes
5 Lux - PC Off

- Architectural slim die-cast LED floodlight
- 30W LED comparable light output to 35W HQI
- 50W LED comparable light output to 70W HQI
- Optically textured glass for enhanced light output
- Heat sink design provides optimum LED life
- Graphite textured paint finish
- Pre-wired with 1 metre of rubber insulated cable for ease of installation
- PIR versions complete with manual override facility
- LED lifespan L70 30,000 hours
- Non-dimmable

AMLED50

323   79
243   140° 125°
AMLED30

394   106
319   140° 125°
AMLED50

	Code	Lamp	Description	Windage	Trade
Standard	AMLED30	LED	30W - Cool White	0.08	**£172.00**
PIR	AMLED30/PIR	LED	30W c/w PIR - Cool White	0.08	**£189.00**
Standard	AMLED50	LED	50W - Cool White	0.13	**£224.00**
Option	/PC		Electronic Photocell (50W only)		**+ £33.00**

LED Information

Total (Watts)	30W
	50W
Lumens Delivered	
30W	2816lm
50W	4805lm
Lm/W 30W	91lm
Lm/W 50W	96lm
CRI	Ra 70
CCT	4750K
Input	230V
Hertz	50Hz
Operating Temp	-20°C to 50°C

UK CA CE IP65 IK 07

Mira LED
Supplied c/w Integral Driver

- Architectural slim die-cast LED floodlight
- 100W LED exceeds performance of 150W HQI
- 200W LED comparable performance to 400W HQI
- Optically textured glass for enhanced light output
- Heat sink design provides optimum LED life
- Graphite textured paint finish
- Pre-wired with 1 metre of rubber insulated cable for ease of installation
- LED lifespan L70 30,000 hours
- Non-dimmable

5YR

AMLED100

125
470
380
140° 125°

AMLED100

155
620
480 AMLED200
140° 125°

AMLED200

LED Information

Total (Watts)	100W
	200W
Lumens Delivered	
100W	9390lm
200W	19712lm
Lm/W 100W	96lm
Lm/W 200W	101lm
CRI	Ra 70
CCT	4750K
Input	230V
Hertz	50Hz
Operating Temp	-20°C to 50°C

UK CA   CE   IP65   IK 07

Code	Lamp	Description	Windage	Trade
AMLED100	LED	100W - Cool White	0.18	**£401.00**
AMLED200	LED	200W - Cool White	0.30	**£614.00**

Note: 100W and 200W versions are not suitable for interior use

Options	/PC	Electronic Photocell		+ £33.00

Vaste AC LED

AC LED (No Driver Required)

5YR

PIR

6 Metres
5 Seconds - 8 Minutes
10 - 2000 Lux

AVFLED10

AVFLED10/PIR

AVFLED20

AVFLED30

- Modern architectural slim die-cast LED floodlight
- 10W ideal for halogen replacement
- 20W LED exceeds performance of 20W HQI
- 30W comparable light output to 35W HQI
- Die-Cast construction and heat sink design providing optimised thermal characteristics for optimum LED life and performance
- Graphite textured paint finish
- Pre-wired with 1 metre of rubber insulated cable for ease of installation
- Polycarbonate spike accessory (up to 50W versions only) allowing installation into lawn and garden applications
- PIR versions complete with manual override facility
- LED lifespan L80 60,000 hours
- Non-dimmable

138 49 168
AVFLED10

165 57.5 208
AVFLED20

165 57.5 208
AVFLED30

	Code	Lamp	Description	Windage	Trade
Standard	AVFLED10	LED	10W - Cool White	0.01	**£37.50**
PIR	AVFLED10/PIR	LED	10W c/w PIR - Cool White	0.01	**£54.50**
Standard	AVFLED20	LED	20W - Cool White	0.04	**£80.00**
Standard	AVFLED30	LED	30W - Cool White	0.02	**£129.00**
Option	/PC		Electronic Photocell (50W only)		**+ £33.00**
Accessory	AMFLSA		Floodlighting Spike Accessory		**£6.20**

LED Information

Total (Watts)	10W
	20W
	30W
Lumens Delivered	
10W	938lm
20W	1800lm
30W	2899lm
Lm/W 10W	94lm
Lm/W 20W	90lm
Lm/W 30W	97lm
CRI	Ra 80
CCT	4000K
Input	220-240V
Hertz	50/60Hz
Operating Temp	-20°C to 25°C

UK CA CE ⏚ **IP65** **IK 08**

- Modern architectural slim die-cast LED floodlight
- 50W comparable light output to 70W HQI-TS
- 100W comparable performance of 150W HQI-TS
- 150W comparable performance of 200W HQI-T
- 200W exceeds performance of 250W HQI-T
- Die-Cast construction and heat sink design providing optimised thermal characteristics for optimum LED life and performance
- Graphite textured paint finish
- Pre-wired with 1 metre of rubber insulated cable for ease of installation
- LED lifespan L80 60,000 hours
- Non-dimmable

Vaste AC LED
AC LED (No Driver Required)

5YR

AVFLED50

AVFLED100

AVFLED150

AVFLED200

Dimensions (mm)

AVFLED50 — 58 / 220 / 253

AVFLED100 — 68 / 298 / 325

AVFLED150 — 69 / 390 / 460

AVFLED200 — 69 / 400 / 460

LED Information

Total (Watts)	
	50W
	100W
	150W
	200W

Lumens Delivered	
50W	4822lm
100W	10055lm
150W	16900lm
200W	19996lm
Lm/W 50W	96lm
Lm/W 100W	102lm
Lm/W 150W	112lm
Lm/W 200W	102lm
CRI	Ra 80
CCT	4000K
Input	220-240V
Hertz	50/60Hz
Operating Temp	-20°C to 25°C

UKCA CE ⏚ IP65 IK08

Code	Lamp	Description	Windage	Trade
AVFLED50	LED	50W - Cool White	0.04	**£171.00**
AVFLED100	LED	100W - Cool White	0.07	**£321.00**
AVFLED150	LED	150W - Cool White	0.15	**£340.00**
AVFLED200	LED	200W - Cool White	0.1	**£428.00**

Note: 100W, 150W and 200W versions are not suitable for interior use

Options	/PC	Electronic Photocell		+ £33.00

Zion LED Polycarbonate Floodlight

Zion LED Range

The Zion LED range includes 10W, 20W, 30W and 50W variants in both black and white finishes in standard and PIR versions, also available in cool white and warm white

Die-cast aluminium heatsink

Robust powder coated die-cast aluminium heatsink provides excellent thermal management properties

Diffuser and reflector design

Internal mirrored reflector enhances light output from the LED array. The textured polycarbonate diffuser optimises distribution to provide excellent performance.

Fast and easy
Installation

Angled mounting bracket design allows
installation of the product without having to
remove the bracket

Integrated PIR design
Detection Range -120°

The integrated PIR design enhances the sleek and minimal
appearance. Additionally all PIR versions are supplied with manual
override facility and are IP65 rated

Zion LED Polycarbonate

Supplied c/w Integral Driver

3YR

- Compact and economic polycarbonate LED floodlight
- Only suitable for semi commercial applications
- 10W LED ideal for halogen replacement
- 20W LED exceeds performance of 20W HQI
- Polished faceted reflector and textured polycarbonate for optimum performance
- Bracket design allows installation without removing mounting bracket
- Pre-wired with 1 metre of rubber insulated cable for ease of installation (500mm for 10W)
- Polycarbonate spike accessory (up to 50W versions only) allowing installation into lawn and garden applications
- PIR versions complete with manual override facility
- LED lifespan L70 52,000 hours
- Non-dimmable

PIR

10 Metres Fixed
8 Seconds - 12 Minutes
0 - 1000 LUX
Detection Angle - 120°

AZILED10

AZILED10/PIR

AZILED20

AZILED20/PIR

AMFLSA
Floodlighting Spike
Accessory

119 25
157 44 33

AZILED10 - AZILED10/PIR

161 32
197 48 37

AZILED20 - AZILED20/PIR

	Code	Lamp	Description	Windage	Trade
Standard	AZILED10	LED	10W - Cool White	0.02	**£27.05**
PIR	AZILED10/PIR	LED	10W c/w PIR - Cool White	0.02	**£42.05**
Standard	AZILED20	LED	20W - Cool White	0.04	**£46.55**
PIR	AZILED20/PIR	LED	20W c/w PIR - Cool White	0.04	**£61.55**
Standard	AZILED10/WW	LED	10W - Warm White	0.02	**£27.05**
PIR	AZILED10/WW/PIR	LED	10W c/w PIR - Warm White	0.02	**£42.05**
Standard	AZILED20/WW	LED	20W - Warm White	0.04	**£46.55**
PIR	AZILED20/WW/PIR	LED	20W c/w PIR - Warm White	0.04	**£61.55**
Accessory	AMFLSA		Floodlighting Spike Accessory		**£6.20**

LED Information

Total (Watts)		10W
		20W
Lumens Delivered	Cool White	Warm White
10W	843lm	771lm
20W	1709lm	1575lm
Lm/W 10W	84lm	77lm
Lm/W 20W	90lm	83lm
CRI		Ra 70
CCT		4000K
		3000K
Input		230V
Hertz		50Hz
Operating Temp		-10°C to 40°C

UK CA CE IP65 IK 08

Zion LED Polycarbonate

Supplied c/w Integral Driver

- Compact and economic polycarbonate LED floodlight
- Only suitable for semi commercial applications
- 30W LED comparable light output of 35W HQI
- 50W LED exceeds performance of 70W HQI
- Polished faceted reflector and textured polycarbonate for optimum performance
- Bracket design allows installation without removing mounting bracket
- Pre-wired with 1 metre of rubber insulated cable for ease of installation
- Polycarbonate spike accessory (up to 50W versions only) allowing installation into lawn and garden applications
- PIR versions complete with manual override facility
- LED lifespan L70 52,000 hours
- Non-dimmable

PIR

10 Metres Fixed
8 Seconds - 12 Minutes
0 - 1000 LUX
Detection Angle - 120°

AZILED30

AZILED30/PIR

AZILED50

AZILED50/PIR

AMFLSA
Floodlighting Spike
Accessory

AZILED30 - AZILED30/PIR

161 / 32 / 197 / 48 / 37

AZILED50 - AZILED50/PIR

204 / 38 / 242 / 51 / 40

LED Information

Total (Watts)	30W
	50W
Lumens Delivered	Cool White	Warm White
30W	2614lm	2415lm
50W	4698lm	4198lm
Lm/W 30W	84lm	78lm
Lm/W 50W	94lm	84lm
CRI	Ra 70
CCT	4000K
	3000K
Input	230V
Hertz	50Hz
Operating Temp	-10°C to 40°C

UK CA CE IP65 IK 08

	Code	Lamp	Description	Windage	Trade
Standard	AZILED30	LED	30W - Cool White	0.04	**£55.00**
PIR	AZILED30/PIR	LED	30W c/w PIR - Cool White	0.04	**£70.00**
Standard	AZILED50	LED	50W - Cool White	0.05	**£85.50**
PIR	AZILED50/PIR	LED	50W c/w PIR - Cool White	0.05	**£100.50**
Standard	AZILED30/WW	LED	30W - Warm White	0.04	**£55.00**
PIR	AZILED30/WW/PIR	LED	30W c/w PIR - Warm White	0.04	**£70.00**
Standard	AZILED50/WW	LED	50W - Warm White	0.05	**£85.50**
PIR	AZILED50/WW/PIR	LED	50W c/w PIR - Warm White	0.05	**£100.50**
Accessory	AMFLSA		Floodlighting Spike Accessory		**£6.20**

Zion LED White Polycarbonate

Supplied c/w Integral Driver

3YR

AWZILED10

AWZILED10/PIR

AWZILED20

PIR

10 Metres Fixed
8 Seconds - 12 Minutes
0 - 1000 LUX
Detection Angle - 120°

AWZILED20/PIR

AMFLSA
Floodlighting Spike
Accessory

- Compact and economic polycarbonate LED floodlight
- Only suitable for semi commercial applications
- 10W LED ideal for halogen replacement
- 20W LED exceeds performance of 20W HQI
- Polished faceted reflector and textured polycarbonate for optimum performance
- Bracket design allows installation without removing mounting bracket
- Pre-wired with 1 metre of rubber insulated cable for ease of installation (500mm for 10W)
- Polycarbonate spike accessory (up to 50W versions only) allowing installation into lawn and garden applications
- PIR versions complete with manual override facility
- LED lifespan L70 25,000 hours
- Non-dimmable

AWZILED10 - AWZILED10/PIR

AWZILED20 - AWZILED20/PIR

	Code	Lamp	Description	Windage	Trade
Standard	AWZILED10	LED	10W - Cool White	0.02	**£27.05**
PIR	AWZILED10/PIR	LED	10W c/w PIR - Cool White	0.02	**£42.05**
Standard	AWZILED20	LED	20W - Cool White	0.04	**£46.55**
PIR	AWZILED20/PIR	LED	20W c/w PIR - Cool White	0.04	**£61.55**
Standard	AWZILED10/WW	LED	10W - Warm White	0.02	**£27.05**
PIR	AWZILED10/WW/PIR	LED	10W c/w PIR - Warm White	0.02	**£42.05**
Standard	AWZILED20/WW	LED	20W - Warm White	0.04	**£46.55**
PIR	AWZILED20/WW/PIR	LED	20W c/w PIR - Warm White	0.04	**£61.55**
Accessory	AMFLSA		Floodlighting Spike Accessory		**£6.20**

LED Information

Total (Watts)	10W	
	20W	
Lumens Delivered	Cool White	Warm White
10W	843lm	771lm
20W	1709lm	1575lm
Lm/W 10W	84lm	77lm
Lm/W 20W	90lm	83lm
CRI	Ra 70	
CCT	4000K	
	3000K	
Input	230V	
Hertz	50Hz	
Operating Temp	-10°C to 40°C	

UK CA   CE   IP65   IK 08

Zion LED White Polycarbonate

Supplied c/w Integral Driver

- Compact and economic polycarbonate LED floodlight
- Only suitable for semi commercial applications
- 30W LED comparable light output of 35W HQI
- 50W LED exceeds performance of 70W HQI
- Polished faceted reflector and textured polycarbonate for optimum performance
- Bracket design allows installation without removing mounting bracket
- Pre-wired with 1 metre of rubber insulated cable for ease of installation
- Polycarbonate spike accessory (up to 50W versions only) allowing installation into lawn and garden applications
- PIR versions complete with manual override facility
- LED lifespan L70 25,000 hours
- Non-dimmable

PIR

10 Metres Fixed
8 Seconds - 12 Minutes
0 - 1000 LUX
Detection Angle - 120°

AWZILED30

AWZILED30/PIR

AWZILED50

AWZILED50/PIR

AMFLSA
Floodlighting Spike
Accessory

161 32
197
48
37

AWZILED30 - AZILED30/PIR

204 38
242
51
40

AWZILED50 - AZILED50/PIR

LED Information

Total (Watts)		30W
		50W
Lumens Delivered	Cool White	Warm White
30W	2614lm	2415lm
50W	4698lm	4198lm
Lm/W 30W	84lm	78lm
Lm/W 50W	94lm	84lm
CRI		Ra 70
CCT		4000K
		3000K
Input		230V
Hertz		50Hz
Operating Temp		-10°C to 40°C

UK CA CE IP65 IK 08

	Code	Lamp	Description	Windage	Trade
Standard	AWZILED30	LED	30W - Cool White	0.04	**£55.00**
PIR	AWZILED30/PIR	LED	30W c/w PIR - Cool White	0.04	**£70.00**
Standard	AWZILED50	LED	50W - Cool White	0.05	**£85.50**
PIR	AWZILED50/PIR	LED	50W c/w PIR - Cool White	0.05	**£100.50**
Standard	AWZILED30/WW	LED	30W - Warm White	0.04	**£55.00**
PIR	AWZILED30/WW/PIR	LED	30W c/w PIR - Warm White	0.04	**£70.00**
Standard	AWZILED50/WW	LED	50W - Warm White	0.05	**£85.50**
PIR	AWZILED50/WW/PIR	LED	50W c/w PIR - Warm White	0.05	**£100.50**
Accessory	AMFLSA		Floodlighting Spike Accessory		**£6.20**

Zion LED 110V Polycarbonate

Supplied c/w Integral Driver

3YR

- Compact and economic polycarbonate LED floodlight
- 20W LED exceeds performance of 20W HQI
- Suitable for all types of 110V site lighting
- Polished faceted reflector and textured polycarbonate for optimum performance
- Bracket design allows installation without removing mounting bracket
- Pre-wired with 1 metre of rubber insulated cable for ease of installation
- LED lifespan L70 25,000 hours
- Non-dimmable

AZILED20/110V

161   32

197   48

37

AZILED20/110V

Total (Watts)	20W
Lumens Delivered	1709lm
Lm/W	90lm
CRI	Ra 70
CCT	4000K
Input	110V
Hertz	50Hz
Operating Temp	-10°C to 40°C

Code	Lamp	Description	Trade
AZILED20/110V	LED	20W - Cool White	**£46.55**

UK CA CE IP65 IK 08

Calinor LED Polycarbonate

Supplied c/w Integral Driver

2YR

PIR

5 - 12 Metres
10 Seconds - 8 Minutes
3 Lux - PC Off
Detection Angle - 120°

- Compact and economic polycarbonate LED floodlight
- Only suitable for semi commercial applications
- Warm and Cool white options
- 10W LED ideal for halogen replacement 20W LED exceeds performance of 20W HQI
- Polished faceted reflector and textured glass for optimum performance
- Pre-wired with 1 metre of rubber insulated cable for ease of installation (500mm for 10W)
- Polycarbonate spike accessory (up to 50W versions only) allowing installation into lawn and garden applications
- PIR versions complete with manual override facility
- LED lifespan L70 20,000 hours
- Non-dimmable

ACALED10

ACALED10/PIR

ACALED20

ACALED20/PIR

AMFLSA
Floodlighting Spike
Accessory

119   50   135
ACALED10

119   50   254
ACALED10/PIR

162   59   155
ACALED20

162   59   285
ACALED20/PIR

	Code	Lamp	Description	Windage	Trade
Standard	ACALED10	LED	10W - Cool White	0.02	£29.95
PIR	ACALED10/PIR	LED	10W c/w PIR - Cool White	0.04	£44.95
Standard	ACALED20	LED	20W - Cool White	0.03	£51.50
PIR	ACALED20/PIR	LED	20W c/w PIR - Cool White	0.05	£66.50
Standard	ACALED10/WW	LED	10W - Warm White	0.02	£29.95
PIR	ACALED10/WW/PIR	LED	10W c/w PIR - Warm White	0.04	£44.95
Standard	ACALED20/WW	LED	20W - Warm White	0.03	£51.50
PIR	ACALED20/WW/PIR	LED	20W c/w PIR - Warm White	0.05	£66.50
Accessory	AMFLSA		Floodlighting Spike Accessory		£6.20

LED Information

Total (Watts)		10W
		20W
Lumens Delivered	Cool White	Warm White
10W	942lm	892lm
20W	1924lm	1807lm
Lm/W 10W	94lm	89lm
Lm/W 20W	96lm	90lm
CRI		Ra 80
CCT		4000K
		3000K
Input		230V
Hertz		50Hz
Operating Temp		-15°C to 40°C

UK CA   CE   IP65   IK 07

- Compact and economic
  polycarbonate
  LED floodlight
- Only suitable for semi
  commercial applications
- Warm and Cool
  white options
- 30W LED comparable light
  output of 35W HQI
  50W LED exceeds
  performance of 70W HQI
- Polished faceted reflector
  and textured glass for
  optimum performance
- Pre-wired with 1 metre of
  rubber insulated cable for
  ease of installation
- Polycarbonate spike
  accessory (up to 50W
  versions only) allowing
  installation into lawn and
  garden applications
- PIR versions complete with
  manual override facility
- LED lifespan
  L70 20,000 hours
- Non-dimmable

Calinor LED Polycarbonate
Supplied c/w Integral Driver

2YR

PIR
5 - 12 Metres
10 Seconds - 8 Minutes
3 Lux - PC Off
Detection Angle - 120°

ACALED30

ACALED30/PIR

ACALED50

ACALED50/PIR

AMFLSA
Floodlighting Spike
Accessory

162   64
155
ACALED30

162   64
285
ACALED30/PIR

217   78
206
ACALED50

217   78
320
ACALED50/PIR

LED Information

Total (Watts)		30W
		50W

Lumens Delivered	Cool White	Warm White
30W	2708lm	2701lm
50W	4770lm	4511lm
Lm/W 30W	97lm	97lm
Lm/W 50W	99lm	94lm
CRI		Ra 80
CCT		4000K
		3000K
Input		230V
Hertz		50Hz
Operating Temp		-15°C to 40°C

UK CA CE □ IP65 IK 07

	Code	Lamp	Description	Windage	Trade
Standard	ACALED30	LED	30W - Cool White	0.03	**£61.50**
PIR	ACALED30/PIR	LED	30W c/w PIR - Cool White	0.05	**£76.50**
Standard	ACALED50	LED	50W - Cool White	0.05	**£95.00**
PIR	ACALED50/PIR	LED	50W c/w PIR - Cool White	0.07	**£110.00**
Standard	ACALED30/WW	LED	30W - Warm White	0.03	**£61.50**
PIR	ACALED30/WW/PIR	LED	30W c/w PIR - Warm White	0.05	**£76.50**
Standard	ACALED50/WW	LED	50W - Warm White	0.05	**£95.00**
PIR	ACALED50/WW/PIR	LED	50W c/w PIR - Warm White	0.07	**£110.00**
Accessory	**AMFLSA**		Floodlighting Spike Accessory		**£6.20**

Eden LED
Supplied c/w Integral Driver

2YR

- Compact and economic aluminium LED floodlight
- Only suitable for semi commercial applications
- 10W ideal for halogen replacement
- 20W exceeds performance of 20W HQI
- Bracket design allows installation without removing mounting bracket
- PIR versions complete with manual override facility
- Pre-wired with 1 metre of rubber insulated cable for ease of installation
- Polycarbonate spike accessory allowing installation into lawn and garden applications
- Cool white and warm white options available
- LED lifespan L90 36,000 hours
- Non-dimmable

PIR

10 Metres
10 Seconds - 7 Minutes
3 - 2000 LUX
Detection Angle - 120°

AEDELED10/CW

AEDELED10/WW/PIR

AEDELED20/WW

AEDELED20/WW/PIR

AMFLSA
Floodlighting Spike
Accessory

114 — 29.5
117
AEDELED10/**

114 — 55.5
154
AEDELED10/**/PIR

138 — 30
132
AEDELED20/**

138 — 56
172
AEDELED20/**/PIR

	Code	Lamp	Description	Windage	Trade
Standard	AEDELED10/CW	LED	10W - Cool White	0.02	**£28.85**
PIR	AEDELED10/CW/PIR	LED	10W c/w PIR - Cool White	0.02	**£42.85**
Standard	AEDELED20/CW	LED	20W - Cool White	0.02	**£49.45**
PIR	AEDELED20/CW/PIR	LED	20W c/w PIR - Cool White	0.03	**£63.45**
Standard	AEDELED10/WW	LED	10W - Warm White	0.02	**£28.85**
PIR	AEDELED10/WW/PIR	LED	10W c/w PIR - Warm White	0.02	**£42.85**
Standard	AEDELED20/WW	LED	20W - Warm White	0.02	**£49.45**
PIR	AEDELED20/WW/PIR	LED	20W c/w PIR - Warm White	0.03	**£63.45**
Accessory	AMFLSA		Floodlighting Spike Accessory		**£6.20**

LED Information

Total (Watts)		10W
		20W

Lumens Delivered	Cool White	Warm White
10W	953lm	894lm
20W	1834lm	1720lm
Lm/W 10W	95lm	89lm
Lm/W 20W	92lm	86lm
CRI		Ra 80
CCT		4000K
		3000K
Input		220-240V
Hertz		50/60Hz
Operating Temp		-20°C to 40°C

UK CA CE IP65 IP44 IK 06

PIR

Eden LED
Supplied c/w Integral Driver

- Compact and economic aluminium LED floodlight
- Only suitable for semi commercial applications
- 30W comparable light output of 35W HQI
- 50W comparable light output of 70W HQI
- Bracket design allows installation without removing mounting bracket
- PIR versions complete with manual override facility
- Pre-wired with 1 metre of rubber insulated cable for ease of installation
- Polycarbonate spike accessory allowing installation into lawn and garden applications
- Cool white and warm white options available
- LED lifespan L90 36,000 hours
- Non-dimmable

2YR

PIR

10 Metres
10 Seconds - 7 Minutes
3 - 2000 LUX
Detection Angle - 120°

AEDELED30/CW

AEDELED30/WW/PIR

AEDELED50/CW

AMFLSA
Floodlighting Spike
Accessory

167 / 31 / 163
AEDELED30/**

167 / 57 / 193
AEDELED30/**/PIR

197 / 35 / 175
AEDELED50/**

LED Information

Total (Watts)		30W
		50W
Lumens Delivered	Cool White	Warm White
30W	2762lm	2547lm
50W	4359lm	3917lm
Lm/W 30W	92lm	85lm
Lm/W 50W	87lm	78lm
CRI		Ra 80
CCT		4000K
		3000K
Input		220-240V
Hertz		50/60Hz
Operating Temp		-20°C to 40°C

	Code	Lamp	Description	Windage	Trade
Standard	AEDELED30/CW	LED	30W - Cool White	0.03	**£71.00**
PIR	AEDELED30/CW/PIR	LED	30W c/w PIR - Cool White	0.04	**£85.00**
Standard	AEDELED50/CW	LED	50W - Cool White	0.04	**£95.00**
PIR	AEDELED50/CW/PIR	LED	50W c/w PIR - Cool White	0.04	**£109.00**
Standard	AEDELED30/WW	LED	30W - Warm White	0.03	**£71.00**
PIR	AEDELED30/WW/PIR	LED	30W c/w PIR - Warm White	0.04	**£85.00**
Standard	AEDELED50/WW	LED	50W - Warm White	0.04	**£95.00**
PIR	AEDELED50/WW/PIR	LED	50W c/w PIR - Warm White	0.04	**£109.00**
Accessory	AMFLSA		Floodlighting Spike Accessory		**£6.20**

UK CA · CE · IP65 · IP44 · IK 06 PIR

Lynx Mini LED CCT Wallpack

Supplied c/w Integral Driver

5YR

- Robust compact wall mounted luminaire for general accent illumination
- All polycarbonate vandal resistant body with fresnel lens
- Tamper-proof allen key screws supplied as standard
- Multiple conduit entry and BESA box fixing points
- Selectable CCT between 3000K and 4000K output
- Photocell and sensor options
- LED lifespan L70 56,000 hours

Selectable CCT

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TRIDONIC
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Selectable CCT switch between 3000K and 4000K located on the LED array

150   86

271

LED Information

Total (Watts)	15W
Lumens Delivered	
Cool White	1446lm
Warm White	1172lm
Lm/W	
Cool White	96lm
Warm White	78lm
CRI	Ra 80
CCT	4000K
	3000K
Input	230V
Hertz	50/60Hz
Operating Temp	-10°C to 40°C

Code	Lamp	Description	Trade
AMLWPLED/CCT	LED	15W - Cool White/Warm White	£90.00

Options	/PC		Electronic Photocell	+ £33.00
	/MWS		Integral Microwave Sensor	+ £56.00

UK CA   CE   IP65   IK 08

Lynx LED Wallpack
Supplied c/w Integral Driver

- Robust wall mounted luminaire for general accent illumination
- Integral emergency option provides downward illumination with a beam angle of 60°
- Die-cast aluminium body with vandal resistant polycarbonate Fresnel lens diffuser
- Tamper-proof allen key screws supplied as standard
- Multiple conduit entry and BESA box fixing points
- Photocell and sensor options
- LED lifespan L70 56,000 hours

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▼ enlightening your ideas

264 | 120 | 300

LED Information

Total (Watts)	29W
Lumens Delivered	
Cool White	2073lm
Warm White	1935lm
Lm/W	
Cool White	71lm
Warm White	67lm
CRI	Ra 80
CCT	4000K
	3000K
Input	230V
Hertz	50Hz
Operating Temp	0°C to 25°C

UK CA CE ⏚ IP65 IK 08

Emergency Standby   **Emergency Operation**   **Emergency Mode Beam Angle**

60°

	Code	Lamp	Description	Trade
	ALWPLED	LED	29W - Cool White	**£152.00**
	ALWPLED/WW	LED	29W - Warm White	**£152.00**
Options	**/PC**		Electronic Photocell	**+ £33.00**
	/M3		Emergency	**+ £85.00**
	/DD		Digital Dimming (DD1/DD2/DD3/DD4)	**+ £90.00**
	/MWS		Integral Microwave Sensor	**+ £56.00**

Panther LED CCT Wallpack

Supplied c/w Integral Driver

3YR

Selectable CCT

- Durable compact wall mounted luminaire for general illumination
- All polycarbonate construction ideal for coastal and adverse weather applications
- Multiple conduit entry and BESA box fixing points
- Selectable CCT between 3000K, 4000K and 6500K output
- Supplied c/w optional trim attachment which provides a more commercially aesthetic appearance
- Photocell and sensor options
- LED lifespan L80 B10 60,000 hours

255   102

305

Selectable CCT switch between 3000K, 4000K and 6500K located on the LED array

LED Information

Total (Watts)	25W
Lumens Delivered	
Cool White	2250lm
Warm White	2100lm
Daylight	2150lm
Lm/W	
Cool White	90lm
Warm White	84lm
Daylight	86lm
CRI	Ra 80
CCT	3000K
	4000K
	6500K
Input	220-240V
Hertz	50Hz
Operating Temp	-10°C to 40°C

Code	Lamp	Description	Trade
APANLED	LED	25W - Cool White, Warm White, Daylight	**£75.00**

Options			
/PC		Electronic Photocell	**+ £33.00**
/MWS		Integral Microwave Sensor	**+ £56.00**

UKCA   CE   IP65

Asuri LED Post Top

Supplied c/w Integral Driver

5YR

- Modern die-cast aluminium post top lantern
- Electrostatic paint finish for enhanced corrosion resistance
- Ideal for large carparks and large open areas
- Suitable for residential and commercial use
- Adjustable spigot bracket 50-76mm supplied as standard
- Powered by Philips
- LED lifespan L70 50,000 hours

535

475

475

LED Information

Total (Watt)	42W	63W
Lumens Delivered		
Cool White	3632lm	5160lm
Warm White	3060lm	4350lm
Lm/W		
Cool White	86lm	82lm
Warm White	77lm	73lm
CRI		Ra 70
CCT		4000K
		3000K
Input		100/240V
Hertz		50Hz
Operating Temp		-40°C to 55°C

Code	Lamp	Description	Windage	Trade
ASULED/1/CW	LED	42W - Cool White	0.08	**£730.00**
ASULED/2/CW	LED	63W - Cool White	0.08	**£815.00**
ASULED/1/WW	LED	42W - Warm White	0.08	**£730.00**
ASULED/2/WW	LED	63W - Warm White	0.08	**£815.00**

Options	/PC	Electronic Photocell		+ £33.00

UK CA CE IP66 IK10

Project - Commercial Development
Golborne, UK

Asuri LED Post Top Product Code	Asuri LED Post Top Delivered Lumens	HID Equivalent Lamp Type	HID Equivalent Lumens	HID Delivered Lumens (65% DLOR)
ASULED/1/CW	3632lm	70W CDM-T	7750lm	3819lm
ASULED/2/CW	5160lm	150W CDM-T	15,000lm	7150lm

Conventional lamp sources do not utilise all of the lumen output efficiently as some of the light is directed upwards and interacts with light reflected back into the lamp. Therefore the actual usable light is only 65% which is the downward light output ratio. LEDs by contrast project all light on a single plane and thus all light is usable.

Helix LED CCT Post Top

Supplied c/w Integral Driver

5YR

- Modern die-cast aluminium post top lantern
- CCT selectable between 3000K and 4000K
- Electrostatic paint finish for enhanced corrosion resistance
- Advanced lens technology providing optimum performance and control.
- Ideal for large carparks and large open areas
- Suitable for residential and commercial use
- 76mm spigot bracket
- LED lifespan L70 B10 54,000 hours

Selectable **CCT**

Ø450

526

Selectable CCT switch between 3000K and 4000K located on the post head

LED Information

Total (Watt)	40W	75W
Lumens Delivered		
Cool White	4750lm	8500lm
Warm White	4600lm	8150lm
Lm/W		
Cool White	116lm	114lm
Warm White	114lm	109lm
CRI		Ra 70
CCT		4000K
		3000K
Input		230V
Hertz		50/60Hz
Operating Temp		-30°C to 50°C

Code	Lamp	Description	Windage	Trade
AHPTLED/1	LED	40W - Cool White/Warm White	0.24	**£400.00**
AHPTLED/2	LED	75W - Cool White/Warm White	0.24	**£450.00**

UK CA CE IP66 IK 08

UV stabilised polycarbonate cover for enhanced durability and corrosion resistance

High quality rubber seal ensures product reaches IP66 ingress protection

Surge protection

Supplied complete with integral driver for ease and speed of installation

Tooless gear tray removal for ease of maintenance

Die-cast aluminium construction for optimal heat dissipation

Compatible with post top or side entry utility 76mm spigot

High performance LED array provides outstanding performance

LED board lens ensures optimum light distribution and achieves G3 glare rating

Hinged cover for easy access to gear tray

IK08 rated housing and diffuser ensures maximum product durability and allows for a range of installation options

Onix LED Street Light Product Code	Onix LED Street Light Delivered Lumens	HID Equivalent Lamp Type	HID Equivalent Lumens	HID Delivered Lumens (65% DLOR)
AONIXLED1	1974lm	35W CDM-T	4000lm	2528lm
AONIXLED2	3936lm	70W HQI-E	5300lm	3816lm
AONIXLED3	6167lm	100W HQI-E	8100lm	6035lm
AONIXLED4	8222lm	150W HQI-E	13,300lm	8606lm

Conventional lamp sources do not utilise all of the lumen output efficiently as some of the light is directed upwards and interacts with light reflected back into the lamp. Therefore the actual usable light is only 65% which is the downward light output ratio. LEDs by contrast project all light on a single plane and thus all light is usable.

Onix LED Street Light
Supplied c/w Integral Driver

5YR

- Die-cast aluminium construction for optimal heat dissipation and performance
- UV stabilized polycarbonate cover
- Toolless gear tray removal for ease of maintenance
- Built in anti-tamper isolation facility
- Compatible with post top or side entry utility 76mm spigot
- G3 Glare Rating
- Surge protection
- Available in standard, complete with photocell option
- LED lifespan L70 50,000 hours

- **Please note**: when installing the wall bracket accessory (AONIXLED/WB) the spigot accessory (AONIXLED/SBA) is also required to ensure a secure installation

AONIXLED/1 - AONIXLED/2

220 / 400 / 237

AONIXLED/1 - AONIXLED/2

281 / 550 / 243

AONIXLED/3 - AONIXLED/4

AONIXLED/3 - AONIXLED/4

Adjustable 48-60mm Spigot bracket

LED Information

Total (Watts)	20W	60W
	40W	80W
Lumens Delivered	1974lm	6167lm
	3936lm	8222lm
Lm/W	104lm	103lm
	98lm	103lm
CRI		Ra 70
CCT		5000K
Input		100/240V
Hertz		50Hz
Operating Temp		-20°C to 50°C

UK CA   CE   IP66   IK 08

Code	Lamp	Description	Windage	Trade
AONIXLED/1	LED	20W - Cool White	0.04	**£382.00**
AONIXLED/2	LED	40W - Cool White	0.04	**£427.00**
AONIXLED/3	LED	60W - Cool White	0.07	**£547.00**
AONIXLED/4	LED	80W - Cool White	0.07	**£624.00**

Options	/PC	Electronic Photocell	+ £33.00

Accessories	AONIXLED/SBA	48-60mm Spigot Bracket	£22.50
	AONIXLED/WB	Wall Bracket	£28.80

Magna LED Street Light

Supplied c/w Integral Driver

5YR

- Die-cast aluminium construction for optimal heat dissipation and performance
- UV stabilized polycarbonate cover
- Toolless gear tray removal for ease of maintenance
- Built in anti-tamper isolation facility
- Compatible with post top or side entry utility 76mm spigot
- Advanced lens technology providing optimum performance and control.
- G3 Glare Rating
- Surge protection
- Available in standard, complete with photocell option
- LED lifespan L80 B10 54,000 hours

Side entry utility 76mm spigot

240

534

295

LED Information

Total (Watts)	30W
	50W
	70W
Lumens Delivered	
30W	5300lm
50W	7800lm
70W	10900lm
Lm/W 30W	152lm
Lm/W 50W	152lm
Lm/W 70W	151lm
CRI	Ra 70
CCT	4000K
Input	230V
Hertz	50/60Hz
Operating Temp	-30°C to 50°C

Code	Lamp	Description	Windage	Trade
AMAGLED/1	LED	30W - Cool White	0.16	**£340.00**
AMAGLED/2	LED	50W - Cool White	0.16	**£375.00**
AMAGLED/3	LED	70W - Cool White	0.16	**£460.00**

UK CA CE IP66 IK 09

Spirit LED Asymmetrical Projector

Supplied c/w Integral Driver

5YR

ASPPLED/ASY/WW

Powered by
TRIDONIC
▼ enlightening your ideas

ASPPLED/ASY/CW

- High performance LED projector light
- Suitable for ground or wall mounting
- Die-cast aluminium construction with textured graphite finish
- LED lifespan L90 B50 36,000 hours
- Non-dimmable

- **Internal application examples**:-
  Transport hubs, churches and historical buildings amongst other commercial applications. Ideal to improve atmosphere and brighten indoor spaces

- **External application examples:-**
  Commercial buildings to provide a sufficient wall washer effect for projected facades

LED Information

Total (Watts)	24W
Lumens Delivered	
Cool White	1700lm
Warm White	1600lm
Lm/W	
Cool White	71lm
Warm White	66lm
CRI	Ra 80
CCT	4000K
	3000K
Input	230V
Hertz	50Hz
Operating Temp	0°C to 25°C

Code	Lamp	Description	Trade
ASPPLED/ASY/CW	LED	24W - Cool White	£190.00
ASPPLED/ASY/WW	LED	24W - Warm White	£190.00

UK CA CE ⊕ **IP65**

Spirit LED Symmetrical Projector

Supplied c/w Integral Driver

- High performance LED projector light
- Suitable for ground or wall mounting
- Die-cast aluminium construction with textured graphite finish
- Comparable performance to 35W CDM-T
- LED lifespan L90 B50 36,000 hours
- Non-dimmable

- **Internal application examples**:-
  Historical buildings, churches and hotel lobbies. Ideal at improving atmosphere and brightening indoor spaces

- **External application examples:-**
  Communal and residential gardens. ideal for illuminating landscapes providing a sufficient floodlight effect

ASPPLED/SYM/WW

Powered by
TRIDONIC
▼ enlightening your ideas

ASPPLED/SYM/CW

LED Information

Total (Watts)	24W
Lumens Delivered	
Cool White	2150lm
Warm White	1975lm
Lm/W	
Cool White	90lm
Warm White	83lm
CRI	Ra 80
CCT	4000K
	3000K
Input	230V
Hertz	50Hz
Operating Temp	0°C to 25°C

UK CA CE ⏚ IP65

Code	Lamp	Description	Trade
ASPPLED/SYM/CW	LED	24W - Cool White	**£230.00**
ASPPLED/SYM/WW	LED	24W - Warm White	**£230.00**

Project
Warehouse - Liverpool, UK

Z LED Performance
High Bay UFO - p444

Industrial

443

Deco LED High Bay

444

Z LED Performance
High Bay UFO

447

Z LED
High Bay UFO

448

Z LED High Bay Linear

450

ForceLINE LED

452

Opti-Linear
LED Low Bay

454

Apex IP69K
LED Tubular

456

Tornado Pro LED
Non-Corrosive

458

Tornado LED
Non-Corrosive

461

Cyclone LED
Non-Corrosive

462

Tornado LED 110V
Non-Corrosive

463

Guardian LED 110V
Bulkhead

464

Sleek LED 110V
Bulkhead

465

Zion LED 110V
Polycarbonate Floodlight

466

Airbeam LED Batten

467

Topline 6 LED Batten

Designed to
Deliver ...

Deco High Bay LED
Supplied c/w Integral Driver

5YR

- Decorative modern LED pendant supplied with either polycarbonate refractor or aluminium reflector
- Suitable for industrial, commercial and retail applications
- 41W exceeds performance of 70W HQI
- 96W exceeds performance of 150W HQI
- Matt grey textured powder coated finish
- LED lifespan L70 54,000 hours

ADHBLED1/PC

Powered by
TRIDONIC
▼ *enlightening your ideas*

ADHBLED2/ALU

205

430

Ø361

LED Information

Total (Watts)	41W	96W
Lumens Delivered		
/ALU	4760lm	10437lm
/PC	4678lm	10375lm
Lm/W		
/ALU	114lm	109lm
/PC	116lm	108lm
Beam Angle		
/PC		68°
/ALU		63°
CRI		Ra 80
CCT		4000K
Input		230V
Hertz		50/60Hz
Operating Temp		-20°C to 25°C

UKCA CE ⏚ IP20 IK06

	Code	Lamp	Description	Trade
	ADHBLED1/PC	LED	41W - c/w PC Refractor	**£192.00**
	ADHBLED2/PC	LED	96W - c/w PC Refractor	**£298.00**
	ADHBLED1/ALU	LED	41W - c/w Aluminium Reflector	**£192.00**
	ADHBLED2/ALU	LED	96W - c/w Aluminium Reflector	**£298.00**
Options	**/DD**		Digital dimming (DD1/DD3)	**+ £90.00**
Accessories	**ADHBLED/PC/BC**		PC Bottom Cover (360mm)	**£27.25**
	ADHBLED/SK		Suspension Kit	**£12.35**

Z LED Performance UFO High Bay

Supplied c/w Integral Driver

5YR

- Robust LED low/high bay for industrial, commercial and retail applications
- Die-cast powder coated construction and heatsink for optimum thermals and performance
- Alternative installation options by means of drop rods, jack chain and catenary wire. Bracket accessories available for ceiling or wall mounting
- 100W exceeds performance of 150W HQI
- 150W exceeds performance of 250W HQI
- 200W comparable to 400W HQI
- High specification IP65 and IK08 ratings
- Pre-wired with 3M of H07RN-F cable for ease and speed of installation
- LED lifespan L80 B10 54,000 hours
- 1-10V dimmable as standard

AZPELED/REF - Aluminium Reflector

AZPELED/FB1 - Mounting Bracket Accessory

AZLED/MWSP - Microwave Sensor Programmer

Microwave Sensor
- IP65 Rated Enclosure.
- 3M - 15M Mounting height ideal for any low to high level mounting heights.
- Automatic 1-10V Dimming with time delay and pre-set dimming levels to select.
- Dip-switch or remote control commissioning allows for versatile sensor programming; options include, Hold Time, Stand-By Dim Level and many more.

Microwave Sensor Fitted

	Code	Lamp	Description	Trade
	AZPELED/1	LED	100W - Cool White	£175.00
	AZPELED/2	LED	150W - Cool White	£205.00
	AZPELED/3	LED	200W - Cool White	£275.00

Options	/M3	Emergency	+ £120.00
	/OCTO	OCTO Smart Control	+ £185.00
	/MWS	Microwave Sensor	+ £78.00

Accessories	AZPELED/FB1	Z-LED Performance Mounting Bracket 100W/150W	£10.50
	AZPELED/FB2	Z-LED Performance Mounting Bracket 200W	£10.50
	AZPELED/REF	Z-LED Performance Aluminium Reflector	£42.50
	AZLED/MWSP	High Bay Microwave Sensor Programmer	£53.50

Ø308 — 169.5

AZPELED/1

Ø321 — 172

AZPELED/2

Ø331 — 177

AZPELED/3

LED Information

Total (Watts)	100W
	150W
	200W
Lumens Delivered	
100W	15250lm
150W	23750lm
200W	30000lm
Lm/W	
100W	152lm
150W	158lm
200W	150lm
CRI	Ra 80
CCT	4000K
Input	220-240V
Hertz	50/60Hz
Operating Temp	-30°C to 45°C

UKCA CE IP65 IK08

ZLED™ UFO

PERFORMANCE

Pre-wired with 3M H05RN-F supply and dimming cable for quick and easy installation.

Robust die-cast aluminium housing / heatsink provides high IK08 impact rating along with optimum LED thermal management

Enhancing heat dissipation away from the LED array ensuring maximum product lifetime

Silicone gasket provides IP65 ingress protection

Latest high performance, highly efficient LED chips offer up to 60% energy savings compared to conventional high bays

Durable polycarbonate diffuser with individual LED lens technology offers superior control of light distribution

Z LED™ UFO

Pre-wired with 3m of H07RN-F cable for ease and speed of installation

Supplied eye bolt aiding speedy point-for-point installation

IK08 Impact Rating

Robust die-cast body for any application

Highly effective die-cast aluminium heat sink for optimum heat dispersion

High efficiency LED packages and wide beam angles to suit a wide range of applications

Silicone Gasket provides IP65 Ingress Protection

Polycarbonate diffuser offers durable protection

316L stainless steel allen bolts for protection against corrosion

Z LED UFO Product Code	Z LED UFO (4000K) Delivered Lumens	HID Equivalent Lamp Type	HID Equivalent Lumens	HID Delivered Lumens (65% DLOR)
AZLED/1	11858lm	150W HQI-E	13,300lm	8645lm
AZLED/2	18443lm	250W HQI-E	23,800lm	15470lm
AZLED/3	23965lm	400W HQI-E	41,000lm	26650lm

Conventional lamp sources do not utilise all of the lumen output efficiently as some of the light is directed upwards and interacts with light reflected back into the lamp. Therefore the actual usable light is only 65% which is the downward light output ratio. LEDs by contrast project all light on a single plane and thus all light is usable.

- Robust LED low/high bay for industrial, commercial and retail applications
- 1-10V dimmable as standard
- Pre-wired with 3m of H07RN-F cable for ease and speed of installation
- Microwave sensor programmer available for versatile commissioning
- Alternative installation options by means of drop rods, jack chain / catenary wire
- 96W comparable to 150W HQI
- 146W comparable to 250W HQI
- 197W comparable to 400W HQI
- Die-cast powder coated construction and heatsink for optimum thermals and performance
- TP(a) as standard
- LED lifespan L70 50,000 hours

Z LED High Bay UFO
Supplied c/w Integral Driver

5YR

Ø320 | 178

AZLED/1 + AZLED/2

30

Ø400 | 188

AZLED/3

42

LED Information

Total (Watts)	96W	
	146W	
	197W	
Lumens Delivered	4000K	6500K
96W	12090lm	12593lm
146W	19224lm	19064lm
197W	25292lm	26409lm
Lm/W		
96W	128lm	130lm
146W	131lm	127lm
197W	128lm	129lm
CRI		Ra 80
CCT		4000K
		6500K
Input		200V-240V
Hertz		50/60Hz
Operating Temp		-40°C to 40°C

UK CA CE ⊕ **IP65** **IK 08**

AZLED/REF - Aluminium Reflector

AZLED/FB1 - Mounting Bracket Accessory

AZLED/MWSP - Microwave Sensor Programmer

AZLED/MWS - Microwave Sensor Fitted

Microwave Sensor
- IP65 Rated Enclosure.
- 3M - 15M Mounting height ideal for any low to high level mounting heights.
- Automatic 1-10V Dimming with time delay and pre-set dimming levels to select.
- Dip-switch or remote control commissioning allows for versatile sensor programming; options include, Hold Time, Stand-By Dim Level and many more.

	Code	Lamp	Description	Trade
	AZLED/1	LED	96W - Cool White	**£183.00**
	AZLED/2	LED	146W - Cool White	**£214.00**
	AZLED/3	LED	197W - Cool White	**£290.00**
	AZLED/1/DL	LED	98W - Daylight	**£183.00**
	AZLED/2/DL	LED	151W - Daylight	**£214.00**
	AZLED/3/DL	LED	198W - Daylight	**£290.00**
Options	**/M3**		Emergency	**+ £85.00**
	/OCTO		OCTO Smart Control	**+ £185.00**
	/MWS		Microwave Sensor	**+ £78.00**
Accessories	**AZLED/REF**		Aluminium Reflector	**£56.00**
	AZLED/FB1		Mounting Bracket Accessory Z-LED LED Highbay	**£22.05**
	AZLED/MWSP		High Bay Microwave Sensor Programmer	**£53.50**

Z LED High Bay Linear
Supplied c/w Integral Driver

5YR

AZPLLED/1

AZPLLED/3

- Powerful and durable IP65 linear high bay, perfect for the demands of industrial applications
- 1.5m suspension kit supplied as standard
- 4 x stainless steel rawl bolts supplied as standard for surface installation
- A number of installation options available with suspended and surface mounting options provided as standard
- AZPLLLED/1 exceeds performance of 3x49W T5
- AZPLLLED/2 exceeds performance of 3x80W T5
- AZPLLLED/3 exceeds performance of 4x80W T5
- Die-cast aluminium construction provides enhanced thermal performance for longer LED lifespan
- Plug and play microwave sensor option, offering maximum energy saving
- LED Lifespan L80 B10 54,000 hours
- 0/1-10V dimmable as standard (installer must drill through pilot hole and use an IP rated gland on install)

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119 134

147

Microwave Sensor
- IP65 Rated Enclosure.
- Upto 12M Mounting height ideal for low and high level applications.
- Detection Radius of 8M.
- Programmable by remote – options include, hold time, stand by dim level, daylight sensor and many more.

AZPLLED/MWS -
Microwave Sensor Fitted

Linkable connector for
continuous mounting

	Code	Lamp	Description	A	Trade
	AZPLLED/1	LED	100W - Cool White	658	**£280.00**
	AZPLLED/2	LED	150W - Cool White	890	**£350.00**
	AZPLLED/3	LED	200W - Cool White	1122	**£425.00**

Options	/M3	Emergency		+ £120.00

Accessories	AZPLLED/MWS	High Bay Plug-in Microwave sensor	£35.00
	AZPLLED/LC	High Bay Linking Connector	£18.00
	AZPLLED/MWSP	High Bay Microwave Sensor Programmer	£50.00

LED Information

Total (Watts)	100W
	150W
	200W
Lumens Delivered	
100W	13750lm
150W	21375lm
200W	27850lm
Lm/W	
100W	137lm
150W	142lm
200W	140lm
CRI	Ra 80
CCT	5000K
Input	230V
Hertz	50/60Hz
Operating Temp	-30°C to 40°C

UKCA CE IP65 IK10

Z LED™ LINEAR

1.5m suspension kit supplied as standard

Robust die-cast aluminium housing / heatsink provides high IK10 impact rating along with optimum LED thermal management

IP65 plug-in programmable microwave sensor, with built-in daylight sensor, provides flexible controls for all applications.

High specification 1-10V LED driver provides optimum performance and reliability

Latest high performance, highly efficient LED chips producing up to 27850 delivered lumens (200W version)

Silicone gasket provides IP65 ingress protection

Specially designed polycarbonate diffuser maximises performance and light distribution

ForceLINE LED

Supplied c/w Integral Driver

5YR

Powered by **European Driver**

- Powerful and robust IP65 low/high bay, perfect for the demands of industrial applications
- Mounting brackets supplied as standard for droprod or chain/wire installation
- AFLLED2 comparable to 4 x 55W PL
- AFLLED4 exceeds performance of 400W HQI
- Powered by Philips
- Die-cast aluminium construction provides enhanced thermal performance for longer LED lifespan
- Anti-glare polycarbonate diffuser maximises performance and light output
- LED lifespan L70 51,000 hours

239

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109

LED Information

Total (Watts)	156W
	291W
Lumens Delivered	
156W	15474lm
291W	29800lm
Lm/W	
156W	99lm
291W	124lm
CRI	Ra 80
CCT	4000K
Input	230V
Hertz	50Hz
Operating Temp	-20°C to 50°C

Code	Lamp	Description	A	Trade
AFLLED2	LED	156W - Cool White	600	**£230.00**
AFLLED4	LED	291W - Cool White	1200	**£398.00**

Options	/M3	Emergency		**+ £85.00**
	/SM3	Self-Test emergency		**+ £113.00**
	/DM3	DALI emergency		**+ £195.00**
	/DD	Digital Dimming (DD3/DD4)		**+ £90.00**
	/MWS	Integral Microwave Sensor		**+ £78.00**
	/OCTO	OCTO Smart Control		**+ £185.00**

UK CA CE IP65 IK 09

FORCE LINE LED

Optional Microwave sensor accessory

Hytronik high frequency motion sensor
Hold time: 5secs - 30mins
LUX: 2 - 50 lux
Detection Range: 12m

Powered by Philips
Xitanium driver

High quality die-cast
end caps.

Aluminium extruded
housing for thermal
management to achieve
longer LED lifespan

Latest LED chips for
maximum efficiency
and performance

Silcone gasket
provides IP65 ingress
protection

Anti glare polycarbonate diffuser
maximises performance and light
distribution

Opti-Linear LED Low Bay

Supplied c/w Integral Driver

3YR

- LED Low Bay suitable for industrial and commercial applications
- AOLLBLED/1 exceeds performance of 2x80W T5
- AOLLBLED/2 exceeds performance of 3x80W T5
- AOLLBLED/3 exceeds performance of 4x80W T5
- Instant light output and unlimited switching
- Supplied c/w 1.5 metre catenary suspension kit
- Mild Steel powder coat construction
- LED lifespan L80 B10 54,000 hours

AOLLBLED/1

AOLLBLED/2

A

45

201

LED Information

Total (Watts)	78W
	156W
	202W
Lumens Delivered	
78W	11000lm
156W	21000lm
202W	26350lm
Lm/W 78W	142lm
Lm/W 156W	134lm
Lm/W 202W	130lm
CRI	Ra 80
CCT	4000K
Input	108/305V
Hertz	50/60Hz
Operating Temp	-30°C to 45°C

	Code	Lamp	Description	A	Trade
	AOLLBLED/1	LED	78W - Cool White	597	**£175.00**
	AOLLBLED/2	LED	156W - Cool White	1197	**£300.00**
	AOLLBLED/3	LED	202W - Cool White	1197	**£325.00**
Options	**/M3**		Emergency		**+ £120.00**
	/MWS		Integral Microwave Sensor		**+ £78.00**

UKCA CE IP20 IK 08

Apex IP69K LED Tubular

Supplied c/w Integral Driver

5YR

- Industrial IP69K tubular surface or suspended
- IP69K rating allows cleaning with high pressure and high temperature water
- Ideal for harsh applications such as garages, food industry, chemical plants and agriculture
- 35W exceeds performance of 2x35W T5
- 45W exceeds performance of 2x49W T5
- 316 Marine grade stainless steel end caps and fixings
- PMMA IK09 body, resistant to mechanical stress
- Quick and easy electrical connection without opening the luminaire
- Fast latching stainless steel mounting brackets provided, with optional suspension kit for versatile mounting
- LED lifespan L80 B10 60,000 hours
- Non-dimmable

AAPEXLED/4

AAPEXLED/5

47

A

AAPEXLED/4 fitted with AAPEXLED/SK

AAPEXLED/4 Surface Mounted

Screwless, fast-fit terminals for ease and speed of installation

Code	Lamp	Description	A	Trade
AAPEXLED/4	LED	35W - Cool White	1200	**£160.00**
AAPEXLED/5	LED	45W - Cool White	1500	**£185.00**

Accessories	AAPEXLED/SK	Suspension Kit		£12.00

LED Information

Total (Watts)	35W
	45W
Lumens Delivered	
35W	5650lm
45W	7650lm
Lm/W	
35W	161lm
45W	170lm
CRI	Ra 80
CCT	4000K
Input	220-240V
Hertz	50Hz
Operating Temp	-20°C to 40°C

UK CA CE IP69K IK06

3-GF1

Tornado Pro LED Non-Corrosive

Supplied c/w Integral Driver

7YR **ST**

Stainless Steel Clips as standard

Tornado **Pro**
ELEMENT PROTECTION **LED**

Powered by
TRIDONIC
▼enlightening your ideas

- Exceeds performance of standard T5 fluorescent
- Ultra slim IP65 LED NCF linear
- Unique base design caters for multiple installation methods
- Installer friendly imbedded features aid accurate and fast installation for any application
- Quick release LED array / gear tray assembly provides the installer the means to faster installation / maintenance
- Fast latching / permanently located stainless steel side clips ensure a quick and secure connection
- Tridonic LED driver as standard
- Self-test emergency as standard with Li-ion battery technology, reducing charge time and running costs
- LED lifespan L80 B10 54,000 hours

Code	Lamp	Description	A	B	C	D	Trade
ATORPLED4	LED	20W	1265	860	70	85	**£54.00**
ATORPLED5	LED	29W	1565	960	70	85	**£65.00**
ATORPLED6	LED	35W	1865	1200	70	85	**£80.00**
ATORPLED2X4	LED	41W	1265	860	70	115	**£75.00**
ATORPLED2X5	LED	61W	1565	960	70	115	**£86.00**
ATORPLED2X6	LED	78W	1865	1200	70	115	**£103.00**

Options	/M3	Self-Test emergency	+ £85.00
	/DM3	DALI emergency	+ £195.00
	/OCTO	OCTO Smart Control	+ £185.00
	/DD	Digital Dimming (DD1/DD2/DD3/DD4)	+ £90.00
	/MWS	Integral Microwave Sensor	+ £56.00

Accessories	ATORPLED/SSKIT/SINGLE	316L Stainless Steel Kit Single	£4.10
	ATORPLED/SSKIT/TWIN	316L Stainless Steel Kit Twin	£4.10

LED Information

Total (Watts)	20W	41W
	29W	61W
	35W	78W
Lumens Delivered	2331lm	4457lm
	3209lm	6314lm
	3702lm	8204lm
Lm/W	117lm	109lm
	111lm	104lm
	106lm	105lm
CRI		Ra 80
CCT		4000K
Input		230V
Hertz		50Hz
Operating Temp		-10°C to 40°C

UK CA CE IP65 IK 07

Tornado *Pro*

ELEMENT PROTECTION LED

Central and side drill-out points for conduit entry

Unique design of brackets for BESA box mounting or direct ceiling mounting

Stainless steel slim line clip design provides a secure connection for added safety and security

Screwless push-fit loop-in / loop-out terminals ensure a fast and easy installation

Polycarbonate housing provides great strength and enhanced durability

Central and side drill-out points for conduit entry

TRIDONIC
LED driver as standard

Integral microwave sensor option

Emergency inverter

Lightweight aluminium gear tray provides excellent thermal performance and maximises LED lifetime

LiFePO4 Lithium battery provides improved energy consumption, product reliability and lifetime

High performance LED array ensures maximum performance and efficiency

Slimline diffuser design provides high level of light uniformity with excellent distribution

Shockproof polycarbonate diffuser provides great strength and enhanced durability

Tornado IP65 LED Non-Corrosive

Supplied c/w Integral Driver

5YR **ST**

Stainless Steel Clips as standard

Tornado
ELEMENT PROTECTION **LED**

- LED Performance allows point-to-point replacement of existing fluorescent luminaires
- Light output exceeds performance of T8 and T5 fluorescent
- Unique luminaire fixing clip design allows option of mounting onto BESA box
- Lockable heavy-duty stainless steel clips supplied as standard for added safety and security
- Self-test emergency as standard
- LED lifespan L70 30,000 hours

Code	Lamp	Description	A	B	C	D	Trade
ATORLED4	LED	20W	1266	860	75	85	£55.00
ATORLED5	LED	28W	1566	960	75	85	£66.50
ATORLED6	LED	35W	1866	1030	80	85	£81.50
ATORLED2X4	LED	40W	1266	860	75	118	£76.50
ATORLED2X5	LED	58W	1566	960	75	118	£87.50
ATORLED2X6	LED	71W	1855	1030	80	118	£105.00

Options	/M3	Self-Test Emergency	+ £85.00
	/OCTO	OCTO Smart Control	+ £185.00
	/DD	Digital Dimming (DD1/DD2/DD3/DD4)	+ £90.00
	/MWS	Integral Microwave Sensor	+ £56.00

LED Information

Total (Watts)	20W	40W
	28W	58W
	35W	71W
Lumens Delivered	2088lm	4425lm
	3230lm	6353lm
	3823lm	7320lm
Lm/W	104lm	110lm
	115lm	110lm
	109lm	103lm
CRI	Ra 80	
CCT	4000K	
Input	230V	
Hertz	50Hz	
Operating Temp	-10°C to 40°C	

UK CA CE IP65 IK 07

Project - Source Park
Hasting, UK

Cyclone LED Non-Corrosive

Supplied c/w Integral Driver

ACYCLED2/WW

ACYCLED4/CW

ACYCLED5/WW

- Slim and lightweight economic polycarbonate LED non-corrosive
- LED Performance allows point-to-point replacement of existing fluorescent luminaires
- Light output exceeds performance of T8 and T5 fluorescent
- Quick and easy electrical connection without opening the luminaire
- Flicker free LED driver
- IK08 impact rating offers superior product durability
- LED lifespan L80 54,000 hours
- Non-dimmable

A

44

47

Cable Entry Point

LED Information

Total (Watts)		13W
		26W
		32W

Lumens Delivered	Warm White	Cool White
13W	1625lm	1700lm
26W	3000lm	3125lm
32W	4250lm	4350lm

Lm/W	Warm White	Cool White
13W	125lm	130lm
26W	115lm	120lm
32W	132lm	135lm

CRI	Ra 80
CCT	4000K
	3000K
Input	230V
Hertz	50Hz
Operating Temp	-20°C to 40°C

UK CA CE ▢ IP65 IK 08

Code	Lamp	Description	A	Trade
ACYCLED2/CW	LED	13W - Cool White	570	**£20.00**
ACYCLED4/CW	LED	26W - Cool White	1170	**£33.00**
ACYCLED5/CW	LED	32W - Cool White	1470	**£37.50**
ACYCLED2/WW	LED	13W -Warm White	570	**£20.00**
ACYCLED4/WW	LED	26W -Warm White	1170	**£33.00**
ACYCLED5/WW	LED	32W -Warm White	1470	**£37.50**

Tornado 110V LED

Supplied c/w Integral Driver

3YR **ST**

Stainless Steel Clips as standard

Tornado
ELEMENT PROTECTION LED

- LED Performance allows point-to-point replacement of existing fluorescent luminaires
- Suitable for all types of 110V site lighting
- Light output exceeds performance of T8 and T5 fluorescent
- Unique luminaire fixing clip design allows option of mounting onto BESA box
- Lockable heavy-duty stainless steel clips supplied as standard for added safety and security
- Self-test emergency as standard
- LED lifespan L70 30,000 hours
- Non-dimmable

Code	Lamp	Description	A	B	C	D	Trade
ATORLED2/110V	LED	10W	656	360	75	85	£41.50
ATORLED4/110V	LED	20W	1266	860	75	85	£62.50
ATORLED5/110V	LED	28W	1566	960	75	85	£73.00
ATORLED2X2/110V	LED	20W	656	360	75	118	£56.50
ATORLED2X4/110V	LED	40W	1266	860	75	118	£90.50
ATORLED2X5/110V	LED	58W	1566	960	75	118	£99.50

Options	/M3	Self-Test Emergency	+ £85.00
	/MWS	Integral Microwave Sensor	+ £56.00

LED Information

Total (Watts)	10W 20W 28W	20W 40W 58W
Lumens Delivered	1164lm 2088lm 3230lm	2297lm 4225lm 6353lm
Lm/W	118lm 104lm 115lm	118lm 110lm 110lm
CRI		Ra 80
CCT		4000K
Input		100/240V
Hertz		50Hz
Operating Temp		-10°C to 40°C

UK CA CE IP65 IK 07

Guardian LED 110V Bulkhead

Supplied c/w Integral Driver

- Ultra-slim profile LED polycarbonate bulkhead
- Suitable for all types of 110V emergency site lighting
- Supplied with self-adhesive legend
- 20mm side, end and rear cable entries
- Hinged screwless gear tray for ease of installation
- Viewing distance 18 metres

64

110

352

LED Information

Total (Watts)	3W
Lumens Delivered	150lm
Lm/W	50lm
CRI	Ra 70
CCT	6500K
Input	110V
Hertz	50/60Hz
Operating Temp	0°C to 25°C

UK CA CE IP65 IK 08

	Code	Lamp	Description	Trade
	AGLED/3M/110V	LED	3W - Yellow Base	**£37.25**
Accessories	**AGLED/KIT**		Semi-Recessing Kit - White	**£14.65**
	ASBP/2		3.6V 1500mAh Replacement Ni-Cd Battery	**£12.30**

Sleek LED 110V Polycarbonate Bulkhead

Supplied c/w Integral Driver

2YR

- All polycarbonate multi-purpose bulkhead
- Exceeds performance of 9W PL
- Unique Visiluxe diffuser allows 90% light transmission from LED source for increased performance
- Suitable for all types of site lighting
- Instant light output and unlimited switching
- Red diffuser accessory available for applications that require warning indication luminaires
- LED lifespan L70 56,000 hours
- Non-dimmable

124

76

244

Sleek 110V fitted with red polycarbonate Lens accessory

	Code	Lamp	Description	Trade
	ASBLED/110V	LED	5W - Yellow Base	**£28.65**
Options	/PC		Electronic Photocell	+ **£33.00**
	/MWS		Integral Microwave Sensor	+ **£56.00**
Accessory	ASBLED/DIFF/RED		Red Polycarbonate Lens	**£7.45**

LED Information

Total (Watts)	5W
Lumens Delivered	424lm
Lm/W	85lm
CRI	Ra 80
CCT	4000K
Input	110V
Hertz	50Hz
Operating Temp	-10°C to 40°C

UK CA CE □ **IP65** **IK 08**

Zion LED 110V Polycarbonate Floodlight

Supplied c/w Integral Driver

2YR

- Compact and economic polycarbonate LED floodlight
- 20W LED exceeds performance of 20W HQI
- Suitable for all types of 110V site lighting
- Polished faceted reflector and textured polycarbonate for optimum performance
- Bracket design allows installation without removing mounting bracket
- Pre-wired with 1 metre of rubber insulated cable for ease of installation
- LED lifespan L70 25,000 hours
- Non-dimmable

161 32
197
48
37

AZILED20/110V

AZILED20/110V

LED Information

Total (Watts)	20W
Lumens Delivered	1709lm
Lm/W	90lm
CRI	Ra 70
CCT	4000K
Input	110V
Hertz	50Hz
Operating Temp	-10°C to 40°C

UK CA CE IP65 IK 08

Code	Lamp	Description	Trade
AZILED20/110V	LED	20W - Yellow Base	**£46.55**

Airbeam LED Batten

Supplied c/w Integral Driver

5YR

ST

Powered by **European Driver**

- High performance LED batten for multi-purpose applications
- Up to 56% energy saving compared to T8 fluorescent
- Powered by Philips and Tridonic drivers
- Steel body construction with powder coat finish
- Polycarbonate reeded diffuser and end caps
- Instant light output with unlimited switching
- Self-test emergency as standard
- Corridor Function for dimmable microwave sensor models
- LED lifespan L70 56,000 hours

600

1525

76

77

Push Release End Cap

20mm Conduit Entry Facility

End Cap Fixing Option

Ceiling Mounting Continuous Fixings

	Code	Lamp	Description	Trade
Standard	**ABLED5**	LED	1 x 33W - Cool White	**£123.00**
	ABLED2X5	LED	1 x 61W - Cool White	**£155.00**

Options	**/M3**	Self-Test Emergency	**+ £85.00**
	/OCTO	OCTO Smart Control	**+ £185.00**
	/DD	Digital Dimming (DD1/DD2/DD3/DD4)	**+ £90.00**
	/MWS	Integral Microwave Sensor	**+ £56.00**

LED Information

Total (Watts)	33W	61W
Lumens Delivered	3608lm	6407lm
Lm/W	109lm	105lm
CRI	Ra 80	
CCT	4000K	
Input	230V	
Hertz	50Hz	
Operating Temp	0°C to 25°C	

UK CA CE IP20 IK 08

Topline 6 LED Batten
Supplied c/w Integral Driver

ST

5YR

TOPLINE 6™
LED Batten

Powered by
TRIDONIC
▼ enlightening your ideas

- High performance LED batten for multi-purpose applications
- Exceeds performance of T5 equivalents
- Steel body construction with powder coat finish
- Unique opal diffuser design for optimum performance and light distribution
- Polycarbonate end caps
- Instant light output with unlimited switching
- Self-test emergency as standard
- LED lifespan L70 36,000 hours

Push fit loop-in, loop-out terminals provide a fast fit installation

Steel powder coated base for enhanced durability

Opal diffuser provides a consistent light uniformity whilst protecting the LED array

Durable polycarbonate end cap c/w 20mm entry

LED Information

Total (Watts)	26W	47W
	34W	61W
	41W	72W
Lumens Delivered	2616lm	4939lm
	3656lm	6325lm
	4814lm	8232lm
Lm/W	100lm	105lm
	107lm	103lm
	117lm	114lm
CRI	Ra 80	
CCT	4000K	
Input	220/240V	
Hertz	50Hz	
Operating Temp	-10°C to 40°C	

UKCA CE ⏚ IP20 IK08

Code	Lamp	Description	A	B	C	D	Trade
ATLLED4	LED	26W - Cool White	1220	600	65	65	**£64.50**
ATLLED5	LED	34W - Cool White	1525	600	65	65	**£75.00**
ATLLED6	LED	41W - Cool White	1745	600	65	65	**`£86.50**
ATLLED2X4	LED	47W - Cool White	1220	600	65	65	**£81.00**
ATLLED2X5	LED	61W - Cool White	1525	600	65	65	**£89.50**
ATLLED2X6	LED	72W - Cool White	1745	600	65	65	**£109.00**

Options	/M3	Self-Test Emergency	+ £85.00
	/MWS	Integral Microwave Sensor	+ £56.00
	/OCTO	OCTO Smart Control	+ £185.00
	/DD	Digital Dimming (DD1/DD2/DD3/DD4)	+ £90.00
	/CF	Corridor Function	+ £125.00

Warrington: +44 (0) 1942 433333
Belfast: +44 (0) 2890 773750

BEN HODGSON

CARS

Project
Ben Hodgson Cars
Dalston, UK

Pace LED Panel   p510

Commercial

473

Suspended Linear LED

484

Eaves LED
Recessed Linear

487

Surface Linear LED

490

Suspended / Surface
Linear LED

496

Brooklyn LED
Bi-directional Panel

499

Spektrum LED CCT
Frame

500

Recessed
LED Panels

510

Pace LED
Backlit Recessed Panel

514

Recessed LED
Panel Accessories

516

IP65 Defender LED
Recessed Clean Air

518

Lota LED UGR<19
CCT Troffer

520

Neptune CCT LED
Troffer

523

Juno LED TPa UGR<19
Direct / Indirect

525

Venus LED
Recessed Indirect

527

Pluto LED

Otto Evo LED CCT Suspended Linear

110° Beam Angle

Designed to
Deliver ...

Easy Access

Specially designed diffuser is easily removable allowing almost instant access to internal components

CCT Selectable

Integral CCT switch allows the installer a choice of either 3000K or 4000K colour temperature options

Push Fit Terminals

Push fit loop-in, loop-out terminals ensure a fast and easy installation

Mounting Aid

Sliding mounting bracket and installation markings added to the diffuser aid a quick, versatile and simple install

OTTO EVO
LED Linear

Otto Evo LED CCT Suspended Linear
Supplied c/w Integral Driver and Suspension Kit

- Architectural suspended linear for office, retail and educational applications
- Die-Cast aluminum end caps
- Slim profile available in White (RAL9010) and Aluminium (RAL9006)
- Adjustable bracket system allows complete flexibility for mounting installation
- Specially designed diffuser allows installer quick access to wiring ensuring a quick and easy installation
- Selectable CCT between 3000K and 4000K output
- Supplied bi–directional light output as standard (directional only option can be selected if required)
- Suitable for individual or continuous suspension
- Supplied c/w 1.5m suspension kit as standard
- 42W exceeds performance of 2x28W T5
- 66W exceeds performance of 2x49W T5
- LED lifespan L90 60,000 hours

Selectable CCT

AOTEVLED5

AOTEVLED5 fitted with
AOTEVLED/90 90° Corner Connector

AOTEVLED5/W

1560

Adjustable
upto 1.5m

100

61

LED Information

Total (Watts)	42W	66W
Lumens Delivered		
Cool White	4150lm	8000lm
Warm White	4000lm	7700lm
Lm/W		
Cool White	99lm	121lm
Warm White	95lm	116lm
CRI		Ra 80
CCT		4000K
		3000K
Input		230V
Hertz		50Hz
Operating Temp		0°C to 25°C

	Code	Lamp	Description	Trade
Bi-Directional	**AOTEVLED5**	LED	42W - Cool White/Warm White - Aluminium	**£260.00**
	AOTEVLED2X5	LED	66W - Cool White/Warm White - Aluminium	**£290.00**
	AOTEVLED5/W	LED	42W - Cool White/Warm White - Matt White	**£260.00**
	AOTEVLED2X5/W	LED	66W - Cool White/Warm White - Matt White	**£290.00**

Options	**/M3**		Self-Test Emergency	**+ £85.00**
	/DD		Digital Dimming (DD1/DD2/DD3/DD4)	**+ £90.00**
	/MWS		Integral Microwave Sensor	**+ £56.00**
	/OCTO		OCTO Smart Control	**+ £185.00**
	/CF		Corridor Function	**+ £125.00**

Accessories	**AOTEVLED/90**		90° Corner Connector - Aluminium	**£27.50**
	AOTEVLED/90/W		90° Corner Connector - White	**£27.50**

UK CA CE ⏚ IP20

Otto LED CCT
Suspended Linear

110°
Beam
Angle

Project - The Yard
Manchester, UK

OTTO
L E D   L i n e a r

Otto LED CCT Suspended Linear
Supplied c/w Integral Driver and Suspension Kit

Selectable CCT

- Architectural suspended linear for office, retail and educational applications
- Die-Cast aluminum end caps
- Slim profile available in White (RAL9010) and Aluminium (RAL9006)
- Selectable CCT between 3000K and 4000K output
- Supplied bi–directional light output as standard (directional only option can be selected if required)
- Suitable for individual or continuous suspension
- Supplied c/w 1.5m suspension kit as standard
- Outperforms 28W and T5 fluorescent equivalent
- LED lifespan L80 42,000 hours

AOTLED5/CCT

AOTLED5/W/CCT

61
1525
1556
100

LED Information

Total (Watts)	45W	86W
Lumens Delivered		
Cool White	4052lm	7487lm
Warm White	3861lm	7185lm
Lm/W		
Cool White	92lm	86lm
Warm White	86lm	84lm
CRI		Ra 80
CCT		4000K
		3000K
Input		230V
Hertz		50/60Hz
Operating Temp		-25°C to 50°C

UK CA   CE   IP20

Code	Lamp	Description	Trade
AOTLED5/CCT	LED	45W - Cool White/Warm White - Aluminium	**£320.00**
AOTLED2X5/CCT	LED	86W - Cool White/Warm White - Aluminium	**£361.00**
AOTLED5/W/CCT	LED	48W - Cool White/Warm White - Matt White	**£320.00**
AOTLED2X5/W/CCT	LED	84W - Cool White/Warm White - Matt White	**£361.00**

Options	/M3	Self-Test Emergency	+ £85.00
	/DD	Digital Dimming (DD1/DD2/DD3/DD4)	+ £90.00
	/MWS	Integral Microwave Sensor	+ £56.00

Accessory	AOTLED/90B	90° Corner Connector	£55.50

Vasco LED CCT Bi-directional Suspended Linear

Supplied c/w Integral Driver and Suspension Kit

3YR

AVASLED

AVASLED/B

- Suspended linear for commercial applications
- Aluminium extruded construction with integral driver
- Supplied bi–directional light output as standard with 30% upward light and 70% downward light ratio (directional only option can be selected if required)
- 50W exceeds performance of 2x28W T5
- 60W exceeds performance of 2x35W T5
- Opal diffuser provides optimal light uniformity
- Selectable CCT between 3000K,4000K and 6000K output
- Pre-wired with 1.5 metre cable
- Adjustable suspension points c/w suspension kit
- LED lifespan L90 36,000 hours
- Non-dimmable

Selectable CCT

AVASLED/B fitted with
AVASLED/90/B 90° Corner Connector

Linkable connector for
continuous mounting

A

Adjustable
upto 1.5m

75

55

Code	Lamp	Description	A	Trade
AVASLED	LED	50W - Warm White/Cool white/Daylight - Aluminium	1200	**£98.50**
AVASLED/B	LED	50W - Warm White/Cool white/Daylight - Black	1200	**£98.50**
AVASLED5	LED	60W - Warm White/Cool white/Daylight - Aluminium	1504	**£144.00**
AVASLED5/B	LED	60W - Warm White/Cool white/Daylight - Black	1504	**£144.00**

Accessories	AVASLED/LC	Continuous Linking Connector	£4.25
	AVASLED/90	90° Corner Connector - Aluminium	**£18.05**
	AVASLED/90/B	90° Corner Connector - Black	**£18.05**

LED Information

Total (Watts)	50W	60W
Lumens Delivered		
Warm White	4798lm	5308lm
Cool White	5283lm	6405lm
Daylight	4908lm	6075lm
Lm/W		
Warm White	96lm	88lm
Cool White	106lm	107lm
Daylight	98lm	101lm
CRI		Ra 80
CCT		4000K
		3000K
		6000K
Input		230V
Hertz		50Hz
Operating Temp		-20°C to 45°C

UK CA CE IP20

110°
Beam
Angle

Vasco LED CCT Bi-directional Suspended Linear

**Marlo LED
Suspended Linear**

90°
Beam
Angle

Marlo LED UGR<19 Suspended Linear
Supplied c/w Integral Driver

5YR

- Aluminium bi-directional suspended pendant suitable for commercial applications
- Supplied bi–directional light output as standard (directional only option can be selected if required)
- High output, high efficiency 90° lens technology offers optimum glare control and comfort for task / office applications.
- Exceeds performance of 1x58W T8
- Pre-wired with 2 metre cable
- Adjustable suspension points c/w suspension kit
- LED lifespan L80 B50 36,000 hours

UGR<19

Powered by
TRIDONIC
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AMARLED4/CW

1140

up to 2m

80

60

LED Information

Total (Watts)	39W
Lumens Delivered	
Cool White	3700lm
Warm White	3350lm
Lm/W	
Cool White	95lm
Warm White	86lm
CRI	Ra 90
CCT	4000K
	3000K
Input	230V
Hertz	50Hz
Operating Temp	0°C to 25°C

UK CA CE ⏚ IP20

Reflector lens design ensures reduced glare and visual comfort

Integral switch allows installer the option of both bi-directional and/or directional light output

	Code	Lamp	Description	Trade
	AMARLED4/CW	LED	39W - Cool White	**£230.00**
	AMARLED4/WW	LED	39W - Warm White	**£230.00**
Option	/DD		Digital Dimming (DD1/DD3)	+ £90.00

Sidu LED Pendant

Supplied c/w Integral Driver and Suspension Kit

5YR

UGR < 6

- Aluminium bi-directional suspended pendant with polycarbonate diffuser
- Suitable for office, retail and commercial applications
- Suitable for individual or continuous suspension (link bracket included)
- Slim profile available in Aluminium (RAL9006)
- 49W exceeds performance of 2x28W T5
- 60W exceeds performance of 2x49W T5
- Supplied c/w 1.5m adjustable suspension kit as standard
- Bi-directional light output split equally
- Black polycarbonate micro reflector design helps achieve UGR<6 (unified glare rating) compliant luminaire ideal for most interior lighting applications
- LED lifespan L70 50,000 hours
- 1-10V dimmable as standard

A

Adjustable upto 1.5m

66

38

LED Information

Total (Watts)	49W
	60W
Lumens Delivered	
49W	5209lm
60W	6762lm
Lm/W	
49W	106lm
60W	113lm
CRI	Ra 80
CCT	4000K
Input	100/240V
Hertz	50/60Hz
Operating Temp -20°C to 45°C	

Easy connection for continuous applications

Supplied c/w 1.5m suspension kit

Code	Lamp	Description	A	Trade
ASIDLED/CW	LED	49W - Cool White	1175	**£293.00**
ASIDLED5/CW	LED	60W - Cool White	1493	**£370.00**

UK CA   CE   IP20

50°
Beam
Angle

**Millau LED CCT
Suspended Linear**

100°
Beam
Angle

Millau LED CCT Suspended Linear

Supplied c/w Integral Driver and Suspension Kit

5YR

- Architectural suspended linear for commercial applications
- Black powder coated die-cast aluminium construction provides a modern and sleek appearance
- Selectable CCT between 3000K, 4000K and 6000K output
- Internal mirrored reflector and opal diffuser provide optimum distribution and light output
- 48W Comparable to 2 x 28W T5
- 58W exceeds performance of 2 x 35W T5
- Supplied with 1.5 metre suspension kit including ceiling rose
- LED lifespan L70 50,000 hours
- Non-dimmable

Selectable CCT

A

Adjustable upto 1.5m

49

115

LED Information

Total (Watts)	38W	56W
Lumens Delivered		
Cool White	3475lm	4419lm
Warm White	3408lm	4290lm
Daylight	3492lm	4394lm
Lm/W		
Cool White	91lm	79lm
Warm White	90lm	77lm
Daylight	92lm	77lm
CRI	Ra 80	
CCT	4000K	
	3000K	
	6000K	
Input	230V	
Hertz	50Hz	
Operating Temp	-20°C to 45°C	

UK CA CE IP20

Integrated switch for choice between Warm White, Cool White and Daylight

Hollow design provides ultra-modern appearance

Code	Lamp	Description	A	Trade
AMILLED4	LED	38W - 3000K/4000K/6000K	1222	**£137.00**
AMILLED5	LED	56W - 3000K/4000K/6000K	1622	**£176.00**

Eaves LED UGR<19 Recessed Linear

Supplied c/w Remote Driver

3YR

UGR<19

- Architectural aluminium LED recessed linear
- Black polycarbonate micro reflector low glare design
- Suitable for office, retail and commercial applications
- Sturdy spring clips provide tight and lasting position once installed
- Smart controls and dimmable options available
- LED lifespan L80 81,000 hours

AEVLED300/WB/CW

AEVLED600/WB/CW

Black polycarbonate micro reflector design reduces glare

335
300
64
587
63

LED Information

Total (Watts)	10W	15W
Lumens Delivered		
Cool White	954lm	1429lm
Warm White	944lm	1402lm
Lm/W		
Cool White	95lm	95lm
Warm White	94lm	93lm
Beam Angle		58°
CRI		Ra 90
CCT		3000K
		4000K
Input		220-240V
Hertz		50/60Hz
Operating Temp		-25°C to 40°C

Code	Lamp	Description	Trade
AEAVLED300/WB/CW	LED	10W - Cool White - 300mm	**£44.50**
AEAVLED300/WB/WW	LED	10W - Warm White - 300mm	**£44.50**
AEAVLED600/WB/CW	LED	15W - Cool White - 600mm	**£73.00**
AEAVLED600/WB/WW	LED	15W - Warm White - 600mm	**£73.00**

Options	/OCTO	OCTO Smart Control	+ £145.00
	/DD	Digital Dimming (DD1/DD2/DD3/DD4)	+ £90.00

UKCA CE IP40

60°
Beam
Angle

Gemini LED Linear

90°
Beam
Angle

Project - Lakes College
Cumbria, UK

Gemini LED Linear
Supplied c/w Integral Driver

5YR

- High specification fully enclosed linear luminaire
- Microprism diffuser for enhanced photometric performance
- Robust steel construction
- Suitable for surface and suspension
- Ideal for most commercial and educational applications
- LED lifespan L70 54,000 hours

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B
C
A
600

LED Information

Total (Watts)	40W
	54W
Lumens Delivered	
40W	4448lm
54W	5291lm
Lm/W	
40W	108lm
54W	98lm
CRI	Ra 80
CCT	4000K
Input	230V
Hertz	50/60Hz
Operating Temp	-20°C to 50°C

UK CA CE ⏚ IP20 IK 07

	Code	Lamp	Description	A	B	C	Trade
	AGELED2X4	LED	40W	1230	190	55	**£184.00**
	AGELED2X5	LED	54W	1510	190	55	**£201.00**
Option	**/M3**		Emergency				**+ £85.00**
	/DD		Digital Dimming (DD1/DD2/DD3/DD4)				**+ £90.00**
Accessory	**ASK1**		Suspension Kit 1.3m				**£31.80**

Crescent LED
Surface Linear

80°
Beam
Angle

Crescent LED UGR<19 Surface Linear

Supplied c/w Integral Driver

5YR

UGR<19

- High specification fully enclosed linear luminaire
- Steel powder coated body for enhanced durability
- Polycarbonate diffuser and polished louvre for excellent photometric performance
- Suitable for surface mounting and suspension
- 42W exceeds performance of 2x35W T5
- 51W exceeds performance of 2x49W T5
- Ideal for most commercial and educational applications
- LED lifespan L70 54,000 hours

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FPL

A

55

200

LED Information

Total (Watts)	42W
	51W
Lumens Delivered	
2X4	4497lm
2X5	5266lm
Lm/W	
2X4	107lm
2X5	103lm
CRI	Ra 80
CCT	4000K
Input	220V-240V
Hertz	50Hz
Operating Temp	-20°C to 50°C

UK CA CE ⏚ IP20 IK 06

	Code	Lamp	Description	A	FPL	Trade
	ACRESLED2X4	LED	42W - Cool White	1200	600	£178.00
	ACRESLED2X5	LED	51W - Cool White	1500	900	£220.00
	/M3		Emergency			+ £85.00
Option	/SM3		Self-test Emergency			+ £113.00
	/DM3		DALI Emergency			+ £195.00
	/DD		Digital Dimming (DD1/DD2/DD3/DD4)			+ £90.00
Accessory	ASK1		Suspension Kit 1.3m			£31.80

Airbeam LED Batten

Supplied c/w Integral Driver

5YR **ST**

Powered by **European Driver**

- High performance LED batten for multi-purpose applications
- Up to 56% energy saving compared to T8 fluorescent
- Powered by Philips and Tridonic drivers
- Steel body construction with powder coat finish
- Polycarbonate reeded diffuser and end caps
- Instant light output with unlimited switching
- Self-test emergency as standard
- Corridor Function for dimmable microwave sensor models
- LED lifespan L70 56,000 hours

600

1526

76

77

Push Release End Cap

20mm Conduit Entry Facility

End Cap Fixing Option

Ceiling Mounting Continuous Fixings

Code	Lamp	Description	Trade
ABLED5	LED	1 x 34W - Cool White	**£123.00**
ABLED2X5	LED	1 x 55W - Cool White	**£155.00**

Options	/M3	Self-Test Emergency	+ £85.00
	/OCTO	OCTO Smart Control	+ £185.00
	/DD	Digital Dimming (DD1/DD2/DD3/DD4)	+ £90.00
	/MWS	Integral Microwave Sensor	+ £56.00

LED Information

Total (Watts)	34W	55W
Lumens Delivered	3608lm	6407lm
Lm/W	109lm	105lm
CRI		Ra 80
CCT		4000K
Input		230V
Hertz		50Hz
Operating Temp		0°C to 25°C

UKCA CE IP20 IK08

105°
Beam
Angle

**Airbeam
LED Batten**

Proline LED
Surface Linear

115°
Beam
Angle

Proline LED Surface Linear
Supplied c/w Integral Driver

Powered by European Driver

- Modern contemporary fully enclosed high performance surface luminaire
- Up to 56% energy savings compared to T8 fluorescent
- Powered by Philips and Tridonic drivers
- Steel powder coated body with reeded opal polycarbonate diffuser and retained end caps
- Low glare and uniform light distribution
- Ideal for most commercial and educational applications
- Self-test emergency as standard
- Corridor Function for dimmable microwave sensor options
- LED lifespan L70 56,000 hours

Push Release End Cap

20mm Conduit Entry Facility

End Cap Fixing Option

Ceiling Mounting Continuous Fixings

LED Information

Total (Watts)	25W	49W
	33W	55W
	36W	70W
Lumens Delivered	2496lm	5097lm
	3440lm	6090lm
	4316lm	8029lm
Lm/W	100lm	98lm
	104lm	100lm
	114lm	101lm
CRI		Ra 80
CCT		4000K
Input		230V
Hertz		50Hz
Operating Temp		0°C to 25°C

UK CA CE IP20 IK09

	Code	Lamp	Description	A	B	C	D	Trade
Standard	APRLED4	LED	1 x 25W	1220	600	73	148	£134.00
	APRLED5	LED	1 x 33W	1525	600	73	148	£161.00
	APRLED6	LED	1 x 36W	1820	600	73	148	£185.00
	APRLED2X4	LED	1 x 49W	1220	600	73	148	£159.00
	APRLED2X5	LED	1 x 55W	1525	600	73	148	£186.00
	APRLED2X6	LED	1 x 70W	1820	600	73	148	£213.00

Options	/M3	Self-Test Emergency		+ £85.00
	/OCTO	OCTO Smart Control		+ £185.00
	/DD	Digital Dimming (DD1/DD2/DD3/DD4)*		+ £90.00
	/MWS	Integral Microwave Sensor		+ £56.00

*APRLED2X6 not available

Oxford LED
Surface Linear

110°
Beam
Angle

Oxford LED Surface Linear
Supplied c/w Integral Driver

5YR

- Modern fully enclosed surface luminaire with curved low profile appearance
- This is a widely used style of fitting within the educational sector
- Steel body with polycarbonate diffuser and plastic end caps
- 23W exceeds performance of 1x35W T5
- 34W exceeds performance of 1x49W T5
- 38W exceeds performance of 2x28W T5
- 60W exceeds performance of 2x49W T5
- LED lifespan L70 54,000 hours
- Dimmable options

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LED Information

Total (Watts)	23W	34W
	38W	60W
Lumens Delivered	2944lm	3668lm
	4248lm	6552lm
Lm/W	128lm	108lm
	111lm	109lm
CRI		Ra 80
CCT		4000K
Input		230V
Hertz		50/60Hz
Operating Temp		-20°C to 50°C

UK CA CE IP40 IK 07

Code	Lamp	Description	A	B	C	FPL	Trade
AOXLED4	LED	23W - Cool White	1190	165	70	1084	£116.00
AOXLED5	LED	34W - Cool White	1470	165	70	1384	£132.00
AOXLED2X4	LED	38W - Cool White	1190	165	70	1084	£136.00
AOXLED2X5	LED	60W - Cool White	1470	165	70	1364	£152.00

Options	/M3	Emergency	+ £85.00
	/OCTO	OCTO Smart Control	+ £185.00
	/DD	Digtial Dimming (DD1/DD2/DD3/DD4)	+ £90.00

Brooklyn LED Bi-Directional Panel

Supplied c/w Integral Driver and Suspension Kit

2YR

- High performance bi-directional suspendable LED panel
- Integral LED driver provides a unique aesthetically pleasing design
- White anodised aluminium frame
- Supplied c/w 1.2m suspension kit as standard
- LED lifespan L70 50,000 hours
- 1-10V dimmable as standard

295

22

1195

LED Information

Total (Watts)	34.5W
Lumens Delivered	4113lm
Lm/W	119lm
CRI	Ra 80
CCT	4000K
Input	230V
Hertz	50/60Hz
Operating Temp	-20°C to 40°C

Code	Lamp	Description	Trade
ABROLED	LED	34.5W - Cool White	**£147.00**

UK CA CE IP20

Spektrum LED CCT Panel Frame
Supplied c/w Integral Driver

- High performance minimalist LED panel frame for commercial and architectural applications
- Hollow illuminated frame allows installation of standard ceiling panel to sit inside frame and level with grid
- Integral switch allows the installer a choice of 3000K, 4000K and 6500K colour temperature options
- LED lifespan L70 50,000 hours

Cool White

Daylight

Warm White

Selectable CCT

LED Information

Total (Watts)	28W
Lumens Delivered	
Cool White	2995lm
Warm White	2877lm
Daylight	3000lm
Lm/W	
Cool White	111lm
Warm White	103lm
Daylight	103lm
CRI	Ra 80
CCT	3000K
	4000K
	6500K
Input	230V
Hertz	50/60Hz
Operating Temp	-20°C to 45°C

Code	Lamp	Description	Trade
ASPELED/60/CCT	LED	28W - Warm White/ Cool white / Daylight	**£77.50**

Options	Code	Description	
Options	**/M3**	Emergency	**+ £85.00**
	/SM3	Self-Test Emergency	**+ £113.00**
	/DM3	Dali Emergency	**+ £195.00**
	/OCTO	OCTO Smart Control	**+ £185.00**
	/DD	Digtial Dimming (DD1/DD2/DD3/DD4)	**+ £90.00**

UK CA CE IP20

Surface Mounting Frames for LED Recessed Panels

Supplied less LED Panel

AERMLED/30/SMF fitted
with AERMLED2/30/CW

AERMLED/60/SMF fitted
with AERMLED3/60/CW

AERMLED/120/SMF fitted
with AERMLED3/120/CW

- Robust powder coasted white steel frame construction
- Frame sizes available for the following recessed LED panel sizes*:- 600x600, 1200x600 and 1200x300
- Only applicable for use with Endurance LED and Pace LED recessed panel ranges

- AERMLED/30/SMF for use with:- AERMLED2/30/** p508

- AERMLED/60/SMF for use with:- AERMLED3/60/** p501 AERMLED2/60/** p502 APACLED1/60/** p510 APACLED2/60/CCT p513

- AERMLED/120/SMF for use with:- AERMLED3/120/** p504 AERMLED2/120/** p507

1213

313

73

AERMLED/30/SMF

601

601

96

AERMLED/60/SMF

1213

613

73

AERMLED/120/SMF

Code	Description	Trade
AERMLED/30/SMF	1200x300 Surface Mounting Frame	**£53.00**
AERMLED/60/SMF	600x600 Surface Mounting Frame	**£41.20**
AERMLED/120/SMF	1200x600 Surface Mounting Frame	**£58.00**

UK CA   CE   IP20

Endurance LED TPa UGR<19 Recessed Panel

Supplied c/w Remote Driver

- High performance maintenance free LED panel
- TPa as standard
- UGR<19 (unified glare rating) compliant luminaire assiating to elliminate glare for visual comfort
- panel outperforms 3x14W T5
- Cool white, warm white and daylight options
- White anodised aluminium frame for visual compatibility with ceiling grid
- Low glare and even light distribution for multiple applications
- Panel Pod Self-Test emergency option
- Panel Pod sensor option
- Surface mounting frame option
- Powered by Philips
- LED lifespan L80 B10 54,000 hours

AERMLED3/60 Dimensions (mm)
L595 x W595 x H10

See p514 for more information on Panel Pod Emergency and Panel Pod Sensor

Panel Pod™ **Emergency**

Panel Pod™ **Sensor**

Surface Mounting Frame for LED Panel
(shown with Panel Pod Emergency installed)

LED Information

Total (Watts)	29W	HO
Lumens Delivered		
Cool White	2953lm	3742lm
Warm White	2873lm	3610lm
Daylight	2938lm	3725lm
Lm/W Cool White	102lm	129lm
Lm/W Warm White	99lm	125lm
Lm/W Daylight	101lm	128lm
CRI	Ra 80	
CCT Cool White	4000K	
CCT Warm White	3000K	
CCT Daylight	6000K	
Input	230V	
Hertz	50Hz	
Operating Temp	-20°C to 40°C	

UK CA CE ▣ **IP44** *

* Subject to ceiling/installation types
* Not applicable to surface/suspended applications

	Code	Lamp	Description	Trade
	AERMLED3/60/CW	LED	29W - Cool White	£165.00
	AERMLED3/60/WW	LED	29W - Warm White	£165.00
	AERMLED3/60/DL	LED	29W - Daylight	£165.00
High Output	AERMLED3/HO/60/CW	LED	29W - Cool White	£216.00
	AERMLED3/HO/60/WW	LED	29W - Warm White	£216.00
	AERMLED3/HO/60/DL	LED	29W - Daylight	£216.00
Emergency	AIRMLED/POD/3NM/ST	LED	5W - Panel Pod Self-Test Emergency	£106.00
Sensor	AIRMLED/POD/MWS		1W - Microwave Sensor	£69.00
Options	/OCTO		OCTO Smart Control	+ £185.00
	/DD		Digital Dimming (DD1/DD3)*	+ £90.00
			* DD2/DD4 available with alternative control gear	
Accessories	AERMLED/SK		2 Metre Suspension Kit	£12.35
	AERMLED/60/SMF		Surface Mounting Frame (L600mm x W600mm x D75mm)	£41.20
	AERMLED/60/CGCB/KIT		Endurance 600x600 Concealed Grid Ceiling Kit	£10.75

Warrington: +44 (0) 1942 433333
Belfast: +44 (0) 2890 773750

Endurance LED TPa Recessed Panel
Supplied c/w Remote Driver

5YR | **TP(a)** | **ST**

- High performance maintenance free LED panel
- TPa as standard
- 30W panel outperforms 3x14W T5
- Low glare and even light distribution for multiple applications
- Cool white, warm white and daylight options
- White anodised aluminium frame for visual compatibility with ceiling grid
- Panel Pod Self-Test emergency option
- Panel Pod sensor option
- Surface mounting frame option
- Powered by Philips
- LED lifespan L80 B10 54,000 hours

Panel Pod™ **Emergency**

Panel Pod™ **Sensor**

AERMLED2/60 Dimensions (mm)
L595 x W595 x H10

Surface Mounting Frame for LED Panel (shown with Panel Pod Emergency installed)

	Code	Lamp	Description	Trade
	AERMLED2/60/CW	LED	29W - Cool White	£150.00
	AERMLED2/60/WW	LED	29W - Warm White	£150.00
	AERMLED2/60/DL	LED	29W - Daylight	£150.00
Emergency	AIRMLED/POD/3NM/ST	LED	5W - Panel Pod Self-Test Emergency	£106.00
Sensor	AIRMLED/POD/MWS		1W - Microwave Sensor	£69.00
Options	/OCTO		OCTO Smart Control	+ £185.00
	/DD		Digital Dimming (DD1/DD3)*	+ £90.00
			* DD2/DD4 available with alternative control gear	
Accessories	AERMLED/SK		2 Metre Suspension Kit	£12.35
	AERMLED/60/SMF		Surface Mounting Frame (L600mm x W600mm x D75mm)	£41.20
	AERMLED/60/CGCB/KIT		Endurance 600x600 Concealed Grid Ceiling Kit	£10.75

LED Information

Total (Watts)	29W
Lumens Delivered	
Cool White	3092lm
Warm White	2891lm
Daylight	3046lm
Lm/W Cool White	107lm
Lm/W Warm White	100lm
Lm/W Daylight	105lm
CRI	Ra 80
CCT Cool White	4000K
CCT Warm White	3000K
CCT Daylight	6000K
Input	230V
Hertz	50Hz
Operating Temp	-20°C to 40°C

UK CA CE □ **IP44** *

* Subject to ceiling/installation types
* Not applicable to surface/ suspended applications

Project - Dudley College
Dudley, UK

Endurance LED TPa UGR<19 Recessed Panel

Supplied c/w Remote Driver

5YR | **TP(a)** | **ST**

UGR<19

- High performance maintenance free LED panel
- TPa as standard
- UGR<19 (unified glare rating) compliant luminaire assiating to elliminate glare for visual comfort
- 60W panel outperforms 3x28W T5
- Cool white, warm white and daylight options
- White anodised aluminium frame for visual compatibility with ceiling grid
- Low glare and even light distribution for multiple applications
- Panel Pod Self-Test emergency option
- Panel Pod sensor option
- Powered by Philips
- LED lifespan L80 B10 54,000 hours

AERMLED3/120 Dimensions (mm)
L1195 x W595 x H10

Panel Pod™ Emergency

Panel Pod™ Sensor

	Code	Lamp	Description	Trade
	AERMLED3/120/CW	LED	60W - Cool White	£288.00
	AERMLED3/120/WW	LED	60W - Warm White	£288.00
	AERMLED3/120/DL	LED	60W - Daylight	£288.00
Emergency	AIRMLED/POD/3NM/ST	LED	5W - Panel Pod Self-Test Emergency	£106.00
Sensor	AIRMLED/POD/MWS		1W - Microwave Sensor	£69.00
Options	/OCTO		OCTO Smart Control	+ £185.00
	/DD		Digital Dimming (DD1/DD3/DD4)	+ £90.00
Accesssories	AERMLED/SK		2 Metre Suspension Kit	£12.35
	AERMLED/120/SMF		1200x600 Surface Mounting Frame	£58.00

LED Information

Total (Watts)	60W
Lumens Delivered	
Cool White	5800lm
Warm White	5400lm
Daylight	5400lm
Lm/W Cool White	98lm
Lm/W Warm White	92lm
Lm/W Daylight	90lm
CRI	Ra 80
CCT Cool White	4000K
CCT Warm White	3000K
CCT Daylight	6000K
Input	230V
Hertz	50Hz
Operating Tem	-20°C to 40°C

UK CA CE IP44 *

* Subject to ceiling/installation types
* Not applicable to surface/ suspended applications

Endurance LED TPa Recessed Panel
Supplied c/w Remote Driver

- High performance maintenance free LED panel
- TPa as standard
- 60W panel outperforms 3x28W T5
- Cool white, warm white and daylight options
- White anodised aluminium frame for visual compatibility with ceiling grid
- Low glare and even light distribution for multiple applications
- Panel Pod Self-Test emergency option
- Panel Pod sensor option
- Powered by Philips
- LED lifespan L80 B10 54,000 hours

AERMLED2/120 Dimensions (mm)
L1195 x W595 x H10

See p514 for more information on Panel Pod Emergency and Panel Pod Sensor

Panel Pod™ Emergency

Panel Pod™ Sensor

LED Information

Total (Watts)	58W
Lumens Delivered	
Cool White	5780lm
Warm White	5363lm
Daylight	5646lm
Lm/W Cool White	100lm
Lm/W Warm White	93lm
Lm/W Daylight	97lm
CRI	Ra 80
CCT Cool White	4000K
CCT Warm White	3000K
CCT Daylight	6500K
Input	230V
Hertz	50/60Hz
Operating Temp	-20°C to 40°C

UK CA CE ▢ **IP44** *

* Subject to ceiling/installation types
* Not applicable to surface/suspended applications

	Code	Lamp	Description	Trade
	AERMLED2/120/CW	LED	58W - Cool White	£274.00
	AERMLED2/120/WW	LED	58W - Warm White	£274.00
	AERMLED2/120/DL	LED	58W - Daylight	£274.00
Emergency	AIRMLED/POD/3NM/ST	LED	5W - Panel Pod Self-Test Emergency	£106.00
Sensor	AIRMLED/POD/MWS		1W - Microwave Sensor	£69.00
Option	/DD		Digital Dimming (DD1/DD2/DD3)	+ £90.00
Accessories	AERMLED/SK		2 Metre Suspension Kit	£12.35
	AERMLED/120/SMF		1200x600 Surface Mounting Frame	£58.00

Warrington: +44 (0) 1942 433333
Belfast: +44 (0) 2890 773750

Endurance LED TPa Recessed Panel

Supplied c/w Remote Driver

- High performance maintenance free LED panel
- TPa as standard
- Cool white, warm white and daylight options
- White anodised aluminium frame for visual compatibility with ceiling grid
- Low glare and even light distribution for multiple applications
- Panel Pod Self-Test emergency option
- Panel Pod sensor option
- Powered by Philips
- LED lifespan L80 B10 54,000 hours

AERMLED2/30 Dimensions (mm)
L1195 x W295 x H10

	Code	Lamp	Description	Trade
	AERMLED2/30/CW	LED	29W - Cool White	£185.00
	AERMLED2/30/WW	LED	29W - Warm White	£185.00
	AERMLED2/30/DL	LED	29W - Daylight	£185.00
Emergency	AIRMLED/POD/3NM/ST	LED	5W - Panel Pod Self-Test Emergency	£106.00
Sensor	AIRMLED/POD/MWS		1W - Microwave Sensor	£69.00
Options	/OCTO		OCTO Smart Control	+ £185.00
	/DD		Digital Dimming (DD1/DD2/DD3)	+ £90.00
Accessory	AERMLED/SK		2 Metre Suspension Kit	£12.35
	AERMLED/30/SMF		1200x300 Surface Mounting Frame	£53.00

LED Information

Total (Watts)	29W
Lumens Delivered	
Cool White	3234lm
Warm White	3187lm
Daylight	3211lm
Lm/W Cool White	112lm
Lm/W Warm White	110lm
Lm/W Daylight	111lm
CRI	Ra 80
CCT Cool White	4000K
CCT Warm White	3000K
CCT Daylight	6500K
Input	230V
Hertz	50/60Hz
Operating Temp -20°C to 40°C	

UK CA   CE   IP44 *

* Subject to ceiling/installation types
* Not applicable to surface/ suspended applications

Seed
Consultancy

Pace LED TPa UGR<19 Backlit Recessed Panel

Supplied c/w Remote Driver

5YR **TP(a)**

Powered by **European Driver**

UGR<19

- High performance maintenance free LED panel
- Suitable for installation in offices, educational buildings, retail and healthcare premises
- Slimline design allows for installation into shallow ceiling voids
- TPa as standard
- UGR<19 (unified glare rating) compliant luminaire assisting to eliminate glare for visual comfort
- Cool white, warm white and daylight options
- Self-Test Panel Pod and Sensor Pod compatible
- Powered by Philips
- LED lifespan L80 B10 54,000 hours
- Dimmable and OCTO options available

595

595

36

Panel Pod™ **Emergency**

Panel Pod™ **Sensor**

81mm height

APACLED1/60/CW fitted with AIRMLED/POD/3NM/ST

	Code	Lamp	Description	Trade
	APACLED1/60/CW	LED	28W - Cool White	**£130.00**
	APACLED1/60/WW	LED	28W - Warm White	**£130.00**
	APACLED1/60/DL	LED	28W - Daylight	**£130.00**
Emergency	AIRMLED/POD/3NM/ST	LED	5W - Panel Pod Self-Test Emergency	**£106.00**
Sensor	AIRMLED/POD/MWS		1W - Microwave Sensor	**£69.00**
Options	/OCTO		OCTO Smart Control	**+ £185.00**
	/DD		Digital Dimming (DD1/DD3/DD4)	**+ £90.00**
Accessories	APACLED/SK		Pace Suspension Kit	**£12.05**
	AERMLED/60/SMF		600x600 Surface Mounting Frame	**£41.20**

LED Information

Total (Watts)	28W
Lumens Delivered	
Cool White	3300lm
Warm White	3100lm
Daylight	3250lm
Lm/W Cool White	118lm
Lm/W Warm White	111lm
Lm/W Daylight	116lm
CRI	Ra 80
CCT Cool White	4000K
CCT Warm White	3000K
CCT Daylight	6500K
Input	220/240V
Hertz	50/60Hz
Operating Temp	-10°C to 45°C

UK CA CE IP44 *

* Subject to ceiling/installation types
* Not applicable to surface/suspended applications

www.anselluk.com

BEN HODGSON CARS

Project - Ben Hodgson Cars
Dalston, UK

Pace LED TPa CCT Backlit Recessed Panel

Supplied c/w Remote Driver

- High performance maintenance free LED panel
- Suitable for installation in offices, educational buildings, retail and healthcare premises
- Slimline design allows for installation into shallow ceiling voids
- TPa as standard
- Integral switch allows the installer a choice of 3000K, 4000K and 6500K colour temperature
- Self-Test Panel Pod and Sensor Pod compatible
- LED lifespan L80 B10 54,000 hours
- Dimmable and OCTO options available

Selectable CCT

Integral selectable CCT switch

Panel Pod™ Emergency

Panel Pod™ Sensor

81mm height

APACLED2/60/CCT fitted with AIRMLED/POD/3NM/ST

595
595
36

LED Information

Total (Watts)	28W
Lumens Delivered	
Cool White	3300lm
Warm White	3100lm
Daylight	3250lm
Lm/W Cool White	118lm
Lm/W Warm White	111lm
Lm/W Daylight	116lm
CRI	Ra 80
CCT Cool White	4000K
CCT Warm White	3000K
CCT Daylight	6500K
Input	220/240V
Hertz	50/60Hz
Operating Temp	-10°C to 45°C

UK CA   CE   IP44 *

* Subject to ceiling/installation types
* Not applicable to surface/suspended applications

	Code	Lamp	Description	Trade
	APACLED2/60/CCT	LED	28W - Cool White/Warm White/Daylight	**£142.00**
Emergency	**AIRMLED/POD/3NM/ST**	LED	5W - Panel Pod Self-Test Emergency	**£106.00**
Sensor	**AIRMLED/POD/MWS**		1W - Microwave Sensor	**£69.00**
Options	**/OCTO**		OCTO Smart Control	**+ £185.00**
	/DD		Digital Dimming (DD1/DD3/DD4)	**+ £90.00**
Accessories	**APACLED/SK**		Pace Suspension Kit	**£12.05**
	AERMLED/60/SMF		600x600 Surface Mounting Frame	**£41.20**

Panel Pod Emergency and Panel Pod Sensor

For Infinite and Endurance LED Panels

5YR **5YR** **ST**

AIRMLED/POD/3NM/ST

Panel Pod™ Emergency

AIRMLED/POD/MWS

Panel Pod™ Sensor

Emergency Panel Pod

- Integral Self-Test emergency pod to convert any new Infinite LED and Endurance LED panel to emergency, instantly
- LiFePO4 Lithium battery provides improved energy consumption, product reliability and lifetime
- Simple, quick twist and lock fixing
- Supplied with a pre-wired 1 Metre cable for ease of installation
- Tri-colour LED shows green for healthy running condition, red/flashing for fault conditions and white for emergency operation
- UK Patent No. GB2522285
- European Patent No. 15165652.7
- Irish Patent No. 2015/0128
- EC Registered Design No 002712232-0001

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LED Information

Total (Watts)	5W
Lumens Delivered	189lm
Beam Angle	120°
CCT	6500K
Input	230V
Operating Temp	0°C to 45°C

Sensor Panel Pod

- Converts Ansell Infinite and Endurance LED panels to microwave sensor operation
- Provides detection area of 360° with a detection angle of 120°
- Simple twist and lock connection
- Pre-wired 300mm 4-core flex for easy installation
- Fast and efficient installation
- Adjustable time delay and distance
- UK Patent Applied For No. 1504205.4
- EC Registered Design No 002712232-0001

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Code		Lamp	Description	Trade
Emergency	AIRMLED/POD/3NM/ST	LED	5W - Panel Pod Self-Test Emergency	**£106.00**
Sensor	AIRMLED/POD/MWS		1W - Microwave Sensor	**£69.00**

UK CA CE IP20

Panel Pod

Panel Pod™
Emergency

Panel Pod™
Sensor

Pre-wired 1 metre cable *

As standard ensuring a fast and easy installation
* 300mm for Panel Pod Sensor

Twist and Lock Connection

Provides a secure connection and easy installation

Self-Test as standard *

Provides instant indication to status of emergency module and
lamp, negating the need for manual monthly and annual checks
* Panel Pod Emergency only

Detection Area and Angle

Provides detection area of 360° with a detection angle of 120°

** Only one Panel Pod can be attached to the back of individual panels**

Defender LED IP65 Clean Air Recessed Modular

Supplied c/w Integral Driver

- Sealed LED luminaire to endure arduous environments
- High quality steel housing with welded frame and secured by Easy Fix style brackets
- Frame fitted with TP(a) rated diffuser providing excellent diffusion and outstanding light transmission
- Suitable for areas such as laboratories, hospitals, clean rooms, kitchens and showers
- LED lifespan L70 56,000 hours

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115

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Easy Fix style bracket

115mm

115mm depth

LED Information

Total (Watts)	49W
Lumens Delivered	4660lm
Lm/W	95lm
CRI	Ra 80
CCT	4000K
Input	230V
Hertz	50/60Hz
Operating Temp	-20°C to 50°C

Code	Lamp	Description	Trade
ADELED	LED	49W - Cool White	**£233.00**

Options			
/M3	Emergency		**+ £85.00**
/DD	Digital Dimming (DD1/DD2/DD3/DD4)		**+ £90.00**

UK CA CE ⏚ IP65 IK 07

Lota LED UGR<19 CCT Troffer
Supplied c/w Integral Driver

5YR

Selectable CCT

Cool White

UGR<19

Daylight

Warm White

- High performance indirect recessed luminaire
- UGR<19 (unified glare rating) compliant luminaire ideal for most interior lighting applications
- Ideal for office or commercial applications
- Selectable CCT between 3000K, 4000K and 6000K output
- Exceeds performance of 2x40W PL-L
- Powder coated steel construction
- LED lifespan L80 B10 54,000 hours
- TP(a) as Standard

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LED Information

Total (Watts)	29W
Lumens Delivered	
Warm White	3051lm
Cool White	3195lm
Daylight	3178lm
Lm/W	
Warm White	105lm
Cool White	110lm
Daylight	110lm
CRI	Ra 80
CCT	
Warm White	3000K
Cool White	4000K
Daylight	6000K
Input	230V
Hertz	50/60Hz
Operating Temp	-10°C to 40°C

	Code	Lamp	Description	Trade
	ALOTLED	LED	29W - Cool White/ Warm White/ Daylight	**£100.00**

Options				
	/M3		Emergency	+ £85.00
	/SM3		Self-Test Emergency	+ £113.00
	/DM3		DALI Emergency	+ £195.00
	/OCTO		OCTO Smart Control	+ £185.00
	/DD		Digital Dimming (DD1/DD2/DD3/DD4)	+ £90.00

UK CA CE IP20

Neptune LED CCT Troffer
Supplied c/w Integral Driver

Cool White

Daylight

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Warm White

- High performance recessed luminaire
- Selectable CCT between 3000K, 4000K and 6000K output
- Ideal for office or commercial applications
- Exceeds performance of 2 x 40W PL-L
- Powder coated steel construction
- LED lifespan L70 50,000 hours

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LED Information

Total (Watts)	36W
Lumens Delivered	
Warm White	3564lm
Cool White	3796lm
Daylight	3767lm
Lm/W	
Warm White	99lm
Cool White	108lm
Daylight	102lm
CRI	Ra 80
CCT	
Warm White	3000K
Cool White	4000K
Daylight	6000K
Input	230V
Hertz	50/60Hz
Operating Temp	-20°C to 45°C

Code	Lamp	Description	Trade
ANEPLED	LED	36W - Warm White/Cool White/Daylight	**£135.00**

Options			
	/M3	Emergency	+ £85.00
	/OCTO	OCTO Smart Control	+ £185.00
	/DD	Digital Dimming (DD1/DD2/DD3/DD4)	+ £90.00

- Architectural LED recessed modular
- Suitable for office, retail and commercial applications
- TPa as standard
- UGR<19 (unified glare rating) compliant luminaire assiating to elliminate glare for visual comfort
- Dual direct / indirect output. Direct from the centre micro-prism centre line coupled with indirect output from the side diffuser sections. Providing a perfect combination for task and ambient lighting from one source
- Black polycarbonate micro reflector low glare design
- Micro-prism diffuser design ensures reduced glare and visual comfort
- OCTO compatible tunable white version available with CCT selection between 2700K - 6500K ideal for any Human Centric Lighting requirements
- 38W panel outperforms 4x15W T5 fluorescent
- LED lifespan L70 B10 60,000 hours

Juno LED TPa UGR<19 Direct / Indirect
Supplied c/w Remote Driver

TP(a) **5YR**

523

UGR<19

Tunable White

AJUNLED/TW/OCTO only

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LED Information

Total (Watts)	33W
	38W
Lumens Delivered	
33W	4400lm
38W	
2700K◄►5000K	
3850lm ◄► 4300lm	
Lm/W 33W	128lm
Lm/W	
2700K◄►5000K	
104lm◄►116lm	
CRI	Ra 80
CCT 33W	4000K
CCT 38W	Tunable White
Input	230V
Hertz	50Hz
Operating Temp	-20°C to 40°C

UK CA CE ▣ **IP40**

Micro-prism diffuser design ensures reduced glare and visual comfort

Black polycarbonate micro reflector design provides low glare

Indirect illumination provided from the side and direct illumination from the centre

	Code	Lamp	Description	Trade
	AJUNLED	LED	33W - Cool White	**£160.00**
	AJUNLED/TW/OCTO	LED	38W - Tunable White	**£385.00**

Options				
	/M3		Emergency	+ £85.00
	/DM3		DALI Emergency	+ £195.00
	/SM3		Self-Test Emergency	+ £113.00
	/OCTO		OCTO Smart Control	+ £185.00
	/DD		Digital Dimming (DD1/DD3/DD4)	+ £90.00

Venus LED Direct / Indirect

Supplied c/w Integral Driver

5YR

- High performance indirect recessed luminaire with outstanding efficiency characteristics
- Comparable performance to 3x14W T5
- Instant light output and unlimited switching
- Quick access termination point for ease of installation
- Powder coated welded steel box construction for lay in applications only
- LED lifespan L70 54,000 hours

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LED Information

Total (Watts)	40W
Lumens Delivered	3926lm
Lm/W	98lm
CRI	Ra 80
CCT	4000K
Input	230V
Hertz	50/60Hz
Operating Temp	-20°C to 50°C

UK CA CE ⏚ **IP20**

Quick Access
Termination Point
(Push Fit Terminals)

Mirrored Internal Reflector
For Enhanced Distribution

	Code	Lamp	Description	Trade
	AVENLED	LED	40W - Cool White	**£181.00**
Options	**/M3**		Emergency	**+ £85.00**
	/OCTO		OCTO Smart Control	**+ £185.00**
	/DD		Digital Dimming (DD1/DD2/DD3/DD4)	**+ £90.00**

Pluto LED
Supplied c/w Integral Driver

- Stylish LED recessed modular
- UGR>14 (unified glare rating) compliant. Ideal for office, school, retail and commercial applications
- Exceeds performance of 2 x 55W PL-L
- LED lifespan L70 50,000 hours

UGR<14

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595

28

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LED Information

Total (Watts)	35W
Lumens Delivered	3591lm
Lm/W	112lm
CRI	Ra 80
CCT	4000K
Input	230V
Hertz	50/60Hz
Operating Temp	-20°C to 45°C

UK CA   CE   ▣   **IP20**

	Code	Lamp	Description	Trade
	APLULED	LED	35W - Cool White	**£118.00**
Options	**/M3**	Emergency		**+ £85.00**
	/OCTO	OCTO Smart Control		**+ £185.00**
	/DD	Digital Dimming (DD1/DD2/DD3/DD4)		**+ £90.00**

Project
Bear Café
-Northwich, UK

Guardian LED   p538

Eagle 3-In-1 LED
Exit Sign   p548

Emergency

536

IP65 Bulkheads

544

Exit Boxes

548

Suspended Edge

550

IP65 Surface/Recessed Edge

552

Twin Spots

558

LED Emergency Downlights

565

Three Circuit Legion LED Emergency Trackspot

566

Panel Pod Emergency

568

Emergency Lighting Packs

Simple
Self-Test

What is Self-Test?

Self-Test is an intelligent emergency system, integral to each luminaire, that conducts routine functional and duration testing, in-line with the relevant standards and therefore offering full compliance. Self-test eliminates the requirements for manual testing; automatic fault indicators allow for speedy, accurate maintenance.

How it Works

When the unit is first installed the fitting will randomly select a test date of between 200 and 365 days. Once this date is set it will continue to test at the same time every year for a full 3 hour test. Once the product has been on charge for 24 hours, the luminaire will illuminate for 5 seconds for test purposes. Every 30 days the installation will be tested for 10 minutes and the luminaire will show either regular function, or a fault as shown in the diagram below.

Test Mode

The luminaire will illuminate during test conditions

Regular Function

The luminaire will show a constant green LED in normal conditions

Battery Failure

(Constant red LED)

The luminaire will show a red light to indicate the failure (please see below for full diagnosis)

System Failure

(Slow flashing red LED)

If the system fails the 10 minute / 3 hour duration test then the red LED will flash slowly

Lamp / LED Failure

(Fast flashing red LED)

If the lamp / LED's fail the red light will flash quickly

Self-Test Failure

Test Mode

Regular Function

Self-Test
Benefits

✓ Convenience

Test results are carried out by observation rather than manually testing each fitting. No need to isolate mains supply to test, ensuring minimal disruption to normal running of office and/or site.

✓ Compliance

No possibility of missed scheduled tests; automatic monthly and annual tests provides building compliance, ensuring adherence to all relevant emergency and automatic testing standards.

✓ Cost Saving

No requirements for key switches or data cables, Dedicated maintenance personnel are required only to record and rectify faults; not initiate testing and inspection.

✓ Easy Fault Identification

Bi-colour indicators display system status. Green LED indicates test complete and a healthy system Constant red LED indicates a battery failure Slow flashing red LED indicates system / duration test failure Fast flashing red LED indicates Lamp / LED failure

Self-Test Range

537	540	541	542	544
Monarch LED Lithium Bulkhead	Kite LED Bulkhead	Centurion LED Bulkhead	Osprey LED Bulkhead	EndLED Lithium Exit sign

545	546	548	549	550
Encore LED Exit sign	Watchman LED Lithium Exit sign	Eagle 3-In-1 LED Exit sign	Kestrel LED Suspended Exit sign	Razzo LED Lithium Recessed Exit sign

551	552	553	554	557
Harrier LED IP65 Blade Exit sign	IP66 Owl LED Twin Spot	Raptor IP65 LED Twin Spot	Raptor IP20 LED Twin Spot	Condor LED Twin Spot

558	562	563	564	566
Signal LED Pro Lithium Emergency Downlight	Raven LED Emergency Downlight	Merlin LED Emergency Downlight	Falcon LED Surface Emergency Downlight	Panel Pod Emergency

Lithium

Battery Technology

Smaller Battery

Lithium has a smaller form factor allowing more flexibility with luminaire design.

Protection

Lithium batteries are installed with protection. Constant monitoring against short circuit, over-charging and even mechanical damage.

Lower Parasitic Load

Lower parasitic load; reduced power consumption. Therefore reduced running costs and reduced carbon footprint.

Pulse Charging

Pulse charging instead of trickle charging. Less strain on components; therefore electronics last longer and longer warranties can be offered.

Lithium Pro

Li-Pro 5YR

5 Year Battery Warranty | 5 Year Product Warranty

537

Monarch LED Lithium Bulkhead

544

EndLED Lithium Exit sign

546

Watchman LED Lithium Exit sign

550

Razzo LED Lithium Recessed Exit sign

558

Signal LED Pro Lithium Emergency Downlight

Lithium Eco

Li-Eco 3YR

3 Year Battery Warranty | 3 Year Product Warranty

549

Kestrel LED Suspended Exit sign

552

IP66 Owl LED Twin Spot High Output

553

Raptor IP65 LED Twin Spot

554

Raptor IP20 LED Twin Spot

562

Raven LED Emergency Downlight

565

Three Circuit Legion LED Emergency Trackspot

566

Panel Pod Emergency

568

Hawk Universal Lithium Emergency Kit

Designed to
Deliver ...

Swift LED Bulkhead
Supplied c/w Legend and Integral Driver

3YR

Ni-Cd 2YR

- Small and unobtrusive LED bulkhead
- Supplied with self-adhesive legend
- Optic design provides optimum performance for escape route lighting
- Side and rear cable entries
- Screwless gear tray for ease of installation
- Viewing distance 17 metres

100

210

57

* 1 lux minimum must be used for all marked emergency escape routes, to be measured down the centre line of the escape route itself.

** 0.5 lux minimum must be used for all areas larger than 60m2, the minimum value is to be measured across the area excluding 0.5m border around edge of room.

*** Explanation of terms;
Transverse – wall - distance to wall from to side of fitting,
Transverse – transverse - side to side spacing,
Axial – wall - distance to wall from end of fitting,
Axial – axial - end to end spacing.

	Escape route 2 metres wide (1 Lux minimum) *			
***	▯◄►▨	▯◄►▯	▭◄►▨	▭◄►▭
Mounting Height (M)	Transverse to Wall	Transverse to Transverse	Axial to Wall	Axial to Axial
2.5	1.48	5	1.48	5.6
4	1.2	4	0.72	4.5
6	-	-	-	-

	Open (Anti-Panic) area (0.5 Lux Minimum) **			
***	▯◄►▨	▯◄►▯	▭◄►▨	▭◄►▭
Mounting Height (M)	Transverse to Wall	Transverse to Transverse	Axial to Wall	Axial to Axial
2.5	2.5	6	1.98	6
4	2.24	7.5	1.98	6
6	2.24	5.9	1.98	5.79

Code	Lamp	Description	Trade
ASWTLED/3M	LED	3W Maintained / Non-Maintained	**£45.85**
Accessory ASBP/1		3.6V 600mAh Ni-Cd Replacement Battery	**£10.65**

LED Information

Total (W)	3W
Lumens Delivered	
Emergency Mode	64lm
Standard Mode	173lm
CCT	6500K
Input	230V
Hertz	50/60Hz
Operating Temp	0C° to 40C°

UK CA   CE   IP65

Monarch LED Lithium Bulkhead

Supplied with Legend and Integral Driver

- Ultra-slim profile LED polycarbonate self-test bulkhead
- LiFePO4 Lithium battery provides improved energy consumption, product reliability and lifetime
- Supplied with self-adhesive legend
- 20mm side, end and rear cable entries
- Hinged screwless gear tray for ease of installation
- Viewing distance 18 metres

58
116
351

Escape route 2 metres wide (1 Lux minimum) *				
***				
Mounting Height (M)	Transverse to Wall	Transverse to Transverse	Axial to Wall	Axial to Axial
2.5	1.6	5	1.5	5
4	0.5	2.3	0.4	2.3
6	-	-	-	-

Open (Anti-Panic) area (0.5 Lux Minimum) **				
***				
Mounting Height (M)	Transverse to Wall	Transverse to Transverse	Axial to Wall	Axial to Axial
2.5	2.2	5.5	2.2	5.5
4	2.4	6	2.4	6
6	1.5	6	1.5	6

LED Information

Total (W)	3W
Lumens Delivered	
Emergency Mode	62lm
Standard Mode	123lm
CCT	6000K
Input	220-240V
Hertz	50Hz
Operating Temp	5C° to 40C°

	Code	Lamp	Description	Trade
Self-Test	AMOLED/LI/3M/ST	LED	3W Maintained / Non-Maintained	**£45.75**
Accessory	ASBP/18		3.2V 1500mAh Li-FePO4 Lithium Replacement Battery	**£12.85**

UK CA CE IP65 IK 10

Guardian LED Bulkhead

Supplied c/w Legend and Integral Driver

3YR **2YR** Ni-Cd

- Ultra-slim profile LED polycarbonate bulkhead
- Supplied with self-adhesive legend
- 20mm side, end and rear cable entries
- Hinged screwless gear tray for ease of installation
- Viewing distance 18 metres

AGLED/KIT
With Guardian Installed

64
110
352

* 1 lux minimum must be used for all marked emergency escape routes, to be measured down the centre line of the escape route itself
** 0.5 lux minimum must be used for areas larger than 60m², the maximum value is to be measured across the area excluding 0.5 metre border around the edge of the room
*** Explanation of the symbols:-
Transverse - Wall
Distance to wall from side of fitting
Transverse - Transverse
Side to side spacing
Axial - Wall
Distance to wall from end of fitting
Axial - Axial
End to end spacing

	Escape route 2 metres wide (1 Lux minimum) *			
***	⬚↔▨	⬚↔⬚	▭↔▨	▭↔▭
Mounting Height (M)	Transverse to Wall	Transverse to Transverse	Axial to Wall	Axial to Axial
2.5	1.7	5.7	2.9	6
4	1.3	5.6	3	5
6	-	-	-	-

	Open (Anti-Panic) area (0.5 Lux Minimum) **			
***	⬚↔▨	⬚↔⬚	▭↔▨	▭↔▭
Mounting Height (M)	Transverse to Wall	Transverse to Transverse	Axial to Wall	Axial to Axial
2.5	3	7.5	3	7.5
4	3.8	8	3.8	8
6	3.8	8	3.8	8

	Code	Lamp	Description	Trade
	AGLED/3M	LED	3W Maintained / Non-Maintained	**£37.25**
Accessories	AGLED/KIT		Semi-Recessing Kit - White	**£14.65**
	ASBP/2		3.6V 1500mAh Replacement Ni-Cd Battery	**£12.30**

LED Information

Total (W)	3W
Lumens Delivered	
Emergency Mode	144lm
Standard Mode	180lm
CCT	6500K
Input	230V
Hertz	50/60Hz
Operating Temp	0C° to 40C°

UKCA CE ⏚ IP65

Guardian LED 110V Bulkhead

Supplied c/w Integral Driver

- Ultra-slim profile LED polycarbonate bulkhead
- Suitable for all types of 110V emergency site lighting
- Supplied with self-adhesive legend
- 20mm side, end and rear cable entries
- Hinged screwless gear tray for ease of installation
- Viewing distance 18 metres

Ni-Cd 2YR **3YR**

64

110

352

LED Information

Total (Watts)	3W
Lumens Delivered	150lm
Lm/W	50lm
CRI	Ra 70
CCT	6500K
Input	110V
Hertz	50Hz
Operating Temp	-0°C to 25°C

UKCA CE IP65 IK08

	Code	Lamp	Description	Trade
	AGLED/3M/110V	LED	3W - Yellow Base	**£37.25**
Accessories	**AGLED/KIT**		Semi-Recessing Kit - White	**£14.65**
	ASBP/2		3.6V 1500mAh Replacement Ni-Cd Battery	**£12.30**

Warrington: +44 (0) 1942 433333
Belfast: +44 (0) 2890 773750

Kite LED Emergency Bulkhead

Supplied with Legend and Integral Driver

3YR **Ni-Cd 2YR** **ST**

- Modern ultra-slim profile IP65 LED polycarbonate bulkhead
- Self-test as standard
- Aesthetically designed for modern appearance
- Supplied with self-adhesive legend
- 20mm side and rear cable entries
- Hinged screwless gear tray for ease of installation
- Viewing distance 20 metres

120 | 270 | 62

* 1 lux minimum must be used for all marked emergency escape routes, to be measured down the centre line of the escape route itself

** 0.5 lux minimum must be used for areas larger than 60m², the maximum value is to be measured across the area excluding 0.5 metre border around the edge of the room

*** Explanation of the symbols:-
Transverse - Wall
Distance to wall from side of fitting
Transverse - Transverse
Side to side spacing
Axial - Wall
Distance to wall from end of fitting
Axial - Axial
End to end spacing

	Escape route 2 metres wide (1 Lux minimum) *				
***	▯◄►▨	▯◄►▯	▭◄►▨	▭◄►▭
Mounting Height (M)	Transverse to Wall	Transverse to Transverse	Axial to Wall	Axial to Axial
2.5	1.5	5.5	1.3	5.5
4	1.3	5	1.4	6
-	-	-	-	-

	Open (Anti-Panic) area (0.5 Lux Minimum) **				
***	▯◄►▨	▯◄►▯	▭◄►▨	▭◄►▭
Mounting Height (M)	Transverse to Wall	Transverse to Transverse	Axial to Wall	Axial to Axial
2.5	2.1	6	2.1	6
4	2.4	7	2.4	7
6	2.4	7	2.4	7

	Code	Lamp	Description	Trade
Self-Test	AKTLED/3M/ST	LED	4W Maintained / Non-Maintained	**£49.65**
Accessory	ASBP/1		3.6V 600mAh Ni-Cd Replacement Battery	**£10.65**

LED Information

Total (W)	4W
Lumens Delivered	
Emergency Mode	79lm
Standard Mode	182lm
CCT	6500K
Input	230V
Hertz	50/60Hz
Operating Temp	0C° to 40C°

UKCA CE ⏚ IP65

Centurion LED Bulkhead
Supplied c/w Legend and Integral Driver

- High lumen performance LED polycarbonate bulkhead for increased spacings
- Supplied with self-adhesive legend
- Self-test as standard
- Outperforms 8W T5 and exceeds performance of Guardian by 56%
- 20mm conduit entry positions and rear terminal box entry
- Hinged screwless gear tray for ease of installation
- Viewing distance 18 metres
- 50,000 hours average lifetime

352

64

110

* 1 lux minimum must be used for all marked emergency escape routes, to be measured down the centre line of the escape route itself

** 0.5 lux minimum must be used for areas larger than 60m^2, the maximum value is to be measured across the area excluding 0.5 metre border around the edge of the room

*** Explanation of the symbols:-
Transverse - Wall
Distance to wall from side of fitting
Transverse - Transverse
Side to side spacing
Axial - Wall
Distance to wall from end of fitting
Axial - Axial
End to end spacing

LED Information

Total (W)	3W
Lumens Delivered	
Emergency Mode	151lm
Standard Mode	254lm
CCT	6500K
Input	230V
Hertz	50/60Hz
Operating Temp	0C° to 40C°

UK CA CE ⏚ IP65

	Escape route 2 metres wide (1 Lux minimum) *			
***	⬚↔▨	⬚↔⬚	⬚↔▨	⬚↔⬚
Mounting Height (M)	Transverse to Wall	Transverse to Transverse	Axial to Wall	Axial to Axial
2.5	1.7	7	2	6.8
4	2	8.5	2.5	8
6	-	-	-	-

	Open (Anti-Panic) area (0.5 Lux Minimum) **			
***	⬚↔▨	⬚↔⬚	⬚↔▨	⬚↔⬚
Mounting Height (M)	Transverse to Wall	Transverse to Transverse	Axial to Wall	Axial to Axial
2.5	2.5	7.5	2.5	7.5
4	3.5	9	3.5	9
6	3.6	9.5	3.6	9.5

	Code	Lamp	Description	Trade
Self-Test	ACELED/3M/ST	LED	3W Maintained / Non-Maintained	**£73.00**
Accessory	ASBP/2		3.6V 1500mAh Ni-Cd Replacement Battery	**£12.30**

Osprey High Rack LED Bulkhead

Supplied c/w Integral Driver

3YR **2YR** Ni-Cd **ST**

- Modern slim profile IP65 LED polycarbonate bulkhead
- Compact high polished reflector design to provide required light level from high mounting heights
- High performance LED's and optical performance allows increased spacing ratios
- Cold store option incorporates an intelligent integral heat management system to operate in cold store applications down to -30°C
- Self-test as standard
- Aesthetically designed for modern appearance
- 20mm side and rear cable entries

69

135

330

* 1 lux minimum must be used for all marked emergency escape routes, to be measured down the centre line of the escape route itself

** 0.5 lux minimum must be used for areas larger than 60m², the maximum value is to be measured across the area excluding 0.5 metre border around the edge of the room

*** Explanation of the symbols:-
Transverse - Wall
Distance to wall from side of fitting
Transverse - Transverse
Side to side spacing
Axial - Wall
Distance to wall from end of fitting
Axial - Axial
End to end spacing

LED Information

Total (W)	9W
	22W
Lumens Delivered	
Emergency Mode	380lm
Standard Mode	438lm
Lumens Delivered Cold Store	
Emergency Mode	383lm
Standard Mode	554lm
CCT	6500K
Input	230V
Hertz	50/60Hz
Operating Temp	0C° to 40C°
Cold Store	-30C° to 5C°

AOSLED/3M

	Escape route 2 metres wide (1 Lux minimum) *			
***				
Mounting Height (M)	Transverse to Wall	Transverse to Transverse	Axial to Wall	Axial to Axial
10	-	-	5	20
15	-	-	1.2	15.5

AOSLED/3M

	Open (Anti-Panic) area (0.5 Lux Minimum)**			
***				
Mounting Height (M)	Transverse to Wall	Transverse to Transverse	Axial to Wall	Axial to Axial
10	5.2	14.5	5.2	18
15	5	17	5	22

	Code	Lamp	Description	Trade
Self-Test	AOSLED/3M/ST	LED	9W Maintained / Non-Maintained - Self-Test	**£74.50**
Cold Store	AOSLED/3M/CS	LED	22W Maintained / Non-Maintained - Self-Test	**£89.50**

	Code		Description	Trade
Accessories	ASBP/15		4.8V 4Ah Ni-Cd Replacement Battery	**£20.90**
	ASBP/16		4.8V 4Ah Ni-Cd Replacement Battery (for use with Cold Store fitting)	**£21.80**

UK CA CE IP65

542

www.anselluk.com

Osprey LED

High Rack Bulkhead vs. Traditional Halogen Twin Spot
Warehouse racking aisle scheme (15 metre ceiling height and 2 metre aisle width)

Osprey LED 9W
5 fittings to reach required lux level

Halogen Twinspot 2x20W
7 fittings to reach required lux level

- ✓ Quick and easy installation
- ✓ Self-Test as standard
- ✓ Maintenance free
- ✓ Better spacing ratio for less fittings

EndLED Lithium Exit Sign
Supplied c/w Integral Driver and Legend

- Low profile compact and modern polycarbonate LED exit sign
- LiFePO4 Lithium battery provides improved energy consumption, product reliability and lifetime
- Self-test emergency as standard
- Supplied with all legend options - arrow down, arrow up and arrow left/right
- 20mm top and rear cable entries
- Viewing distance 30 metres

	Code	Lamp	Description	Trade
Self-Test	AENLED/LI/3M/ST	LED	2.5W - Maintained / Non-Maintained - White	**£64.00**
	AENLED/LI/3M/ST/B	LED	2.5W - Maintained / Non-Maintained - Black	**£64.00**
Accessory	ASBP/18		3.2V 1500mAh Li-FePO4 Lithium Replacement Battery	**£12.85**

LED Information

Total (W)	2.5W
Lumens Delivered Emergency mode	18lm
CCT	6000K
Input	220-240V
Hertz	50Hz
Operating Temp	5C° to 40C°

UK CA CE IP20

Encore LED Exit Sign
Supplied c/w Legends and Integral Driver

- Ultra slim modern LED exit sign
- Self-test option
- Neat picture frame appearance compared to conventional fluorescent exit signs
- Supplied with all legend options - arrow down, arrow up and arrow left/right
- Viewing distance 29 metres

AENLED/3M/W

196 / 316 / 36.5

AENLED/3M/SG

LED Information

Total (W)	2.6W
Lumens Delivered	
Emergency mode	20lm
CCT	6500K
Input	230V
Hertz	50/60Hz
Operating Temp	0C° to 40C°

UK CA CE IP20

	Code	Lamp	Description	Trade
Standard	AENLED/3M/W	LED	2.6W Maintained/Non-Maintained - White	**£50.50**
	AENLED/3M/SG	LED	2.6W Maintained/Non-Maintained - Silver Grey	**£50.50**
Self-Test	AENLED/3M/W/ST	LED	2.6W Maintained/Non-Maintained - White	**£75.00**
Accessory	ASBP/2		3.6V 1500mAh Ni-Cd Replacement Battery	**£12.30**

Watchman LED Lithium Exit Sign

Supplied c/w Legend and Integral Driver

- Slim white steel LED exit box sign with legend
- LiFePO4 Lithium battery provides improved energy consumption, product reliability and lifetime
- Larger dimensions enables easy retrofit replacement of fluorescent products
- Viewing distance 37 metres

185

50   375

	Code	Lamp	Description	Trade
Self-Test	AWLED/LI/3M/ST	LED	3.5W Maintained / Non-Maintained	**£58.00**
Legends	AWLED/L/AD		Lithium Legend - Arrow Down	**£9.60**
	AWLED/L/AR		Lithium Legend - Arrow Right	**£9.60**
	AWLED/L/AL		Lithium Legend - Arrow Left	**£9.60**
	AWLED/L/AU		Lithium Legend - Arrow Up	**£9.60**
Battery	ASBP/18		3.2V 1500mAh Li-FePO4 Lithium Replacement Battery	**£12.85**

LED Information

Total (W)	3.5W
Lumens Delivered	
Emergency mode	17lm
CCT	6000K
Input	220-240V
Hertz	50Hz
Operating Temp	5C° to 40C°

Watchman LED Exit Sign

Supplied c/w Legend and Integral Driver

- White steel LED exit box sign with legend
- Larger dimensions enables easy retrofit replacement of fluorescent products
- Viewing distance 37 metres

185 | 375 | 60

LED Information

Total (W)	3W
Lumens Delivered	
Emergency mode	25lm
CCT	6000K
Input	230V
Hertz	50/60Hz
Operating Temp	0C° to 40C°

UK CA CE IP20

	Code	Lamp	Description	Trade
	AWLED/3M	LED	3W Maintained / Non-Maintained	**£45.25**
Legends	AG8/L/AD		Legend - Arrow Down	**£9.70**
	AG8/L/AR		Legend - Arrow Right	**£9.70**
	AG8/L/AL		Legend - Arrow Left	**£9.70**
	AG8/L/AU		Legend - Arrow Up	**£9.70**
Battery	ASBP/3		3.6V 1800mAh Ni-Cd Replacement Battery	**£12.30**

Eagle 3-In-1 LED Exit Sign

Supplied c/w Integral Driver and Legend

- Modern, slim, 3-In-1 LED Exit Sign
- Self-test option
- One fitting that enables choice of three different mounting options :- suspension, recessed or side arm wall mounting
- Viewing distance 25 metres

AE3LED/3M/SI
Semi Recessed

AE3LED/3M/W
Suspended

AE3LED/3M/W
Side Arm Wall Mounted

Semi Recessed
364 · 86 · 45 · 48.5

Suspended
329 · 48 · 70 · 152 · 45

Side Arm Wall Mounted
323

	Code	Lamp	Description	Trade
Standard	AE3LED/3M/W	LED	2.5W Maintained/Non-Maintained - White	£88.00
	AE3LED/3M/SI	LED	2.5W Maintained/Non-Maintained - Silver	£88.00
Self-Test	AE3LED/3M/W/ST	LED	2.5W Maintained/Non-Maintained - White	£105.00
Legends	AE3LED/ALAR		Double Sided Legend - Arrow Left and Right	£20.70
	AE3LED/L/AD		Double Sided Legend - Arrow Down	£20.70
	AE3LED/L/AU		Double Sided Legend - Arrow Up	£20.70
Battery	ASBP/4		3.6V 800mAh Replacement Ni-Cd Battery	£11.45

LED Information

Total (W)	2.5W
Lumens Delivered	
Emergency mode	15lm
CCT	6500K
Input	230V
Hertz	50/60Hz
Operating Temp	0C° to 40C°

Kestrel LED Suspended Exit Sign

Supplied c/w Integral Driver and Legend

- Ultra slim suspended LED emergency exit sign
- Self-test emergency as standard
- LiFePO4 Lithium battery provides improved energy consumption, product reliability and lifetime
- Supplied with all legend options - arrow down, arrow up and arrow left/right
- Viewing distance 24 metres

276

174

37

LED Information

Total (W)	2W
Lumens Delivered	
Emergency mode	14lm
CCT	6500K
Input	230V
Hertz	50Hz
Operating Temp	0C° to 40C°

UK CA CE ⏚ IP20

	Code	Lamp	Description	Trade
Self-Test	AKESLED/3M	LED	2W - Maintained/Non-Maintained	**£48.00**
Battery	ASBP/22		3.2V 1000mAh Replacement Li-FeP04 Battery	**£7.75**

Warrington: +44 (0) 1942 433333
Belfast: +44 (0) 2890 773750

Razzo LED Lithium Recessed Exit Sign

Supplied c/w Integral Driver and Legend

- Slim low profile recessed LED exit sign
- DALI emergency as standard
- Supplied c/w all legends
- If not connected to DALI network self-test mode operates automatically
- Viewing distance 24 metres

366

96 · 65

223

306 · 65

	Code	Lamp	Description	Trade
Self-Test	ARAZLED/LI/3M/DA	LED	4.5W Maintained / Non-Maintained - White	**£155.00**
	ARAZLED/LI/3M/DA/B	LED	4.5W Maintained / Non-Maintained - Black	**£155.00**
Battery	ASBP/19		6.4V 1500mAh LiFePO4 Lithium Replacement Battery	**£21.35**

LED Information

Total (W)	4.5W
Lumens Delivered Emergency mode	100lm
CCT	6000K
Input	220-240V
Hertz	50Hz
Operating Temp	5C° to 40C°

Harrier LED IP65 Blade Exit Sign
Supplied c/w Self-Adhesive Legend (Optional Blade Legend ordered separately)

- Compact high performance IP65 polycarbonate surface emergency luminaire
- Self-test as standard
- Optional hanging blade legends (supplied with self-adhesive legend as standard) for enhanced appearance
- Aesthetically designed for modern appearance
- 20mm side and rear cable entries
- High output LED performance and distribution allows maximum spacing providing reduced cost
- Viewing distance 25 metres

336   130

68

160

310   8

*   1 lux minimum must be used for all marked emergency escape routes, to be measured down the centre line of the escape route itself
** 0.5 lux minimum must be used for areas larger than 60m^2, the maximum value is to be measured across the area excluding 0.5 metre border around the edge of the room
*** Explanation of the symbols:-
Transverse - Wall
Distance to wall from side of fitting
Transverse - Transverse
Side to side spacing
Axial - Wall
Distance to wall from end of fitting
Axial - Axial
End to end spacing

LED Information

Total (W)	5W
Lumens Delivered	
Emergency Mode	142lm
Standard Mode	299lm
CCT	6500K
Input	230V
Hertz	50/60Hz
Operating Temp	0C° to 40C°

UK CA CE ⏚ IP65

	Code	Lamp	Description	Trade
Self-Test	AHARLED/3M/ST	LED	5W Maintained/Non-Maintained	**£79.00**
Legends	AHARLED/ALAR		Harrier LED Double Sided Legend - Arrow Left and Right	**£21.85**
	AHARLED/L/AD		Harrier LED Double Sided Legend - Arrow Down	**£21.85**
	AHARLED/L/AU		Harrier LED Double Sided Legend - Arrow Up	**£21.85**
Battery	ASBP/5		7.2V 1500mAh Ni-Cd Replacement Battery	**£20.20**

Warrington: +44 (0) 1942 433333
Belfast: +44 (0) 2890 773750

IP66 Owl LED Twin Spot High Output

Supplied c/w Integral Driver

3YR **3YR** Li-Eco **ST**

- Self-test Twin LED emergency floodlight for industrial applications
- Exceeds performance of 2x20W halogen equivalent
- Robust white moulded enclosure
- Moulded polycarbonate heads
- Self-test as standard

290

300   70

	Code	Lamp	Description	Trade
Self-Test	ATSLED/3NM/ST/HO	LED	3.3W Non-Maintained	**£150.00**
Battery	ASBP/6/LI		6.4V 5.5Ah-5 Li-FeP04 Replacement Battery	**£46.25**

LED Information

Total (W)	3.3W
Lumens Delivered Emergency Mode	670lm
CCT	6500K
Input	220V-240V
Hertz	50Hz
Operating Temp	5C° to 40C°

UKCA CE ⏚ **IP66**

Raptor IP65 LED Twin Spot
Supplied c/w Integral Driver

- Compact modern twin spot suitable for industrial applications
- Exceeds performance of 2x20W halogen equivalent
- LiFePO4 Lithium battery provides enhanced product lifetime
- Moulded polycarbonate heads
- Individual adjustable LED arrays allowing the end user to move head angle up or down to aim output to desired height
- Self-test as standard

282

275 40

LED Information

Total (W)	1.8W
Lumens Delivered	
Emergency Mode	215lm
CCT	6500K
Input	230V
Hertz	50Hz
Operating Temp	5C° to 40C°

UK CA CE ▢ IP65

	Code	Lamp	Description	Trade
Self-Test	**ARAPLED/3NM/2**	LED	1.8W Non-Maintained	**£88.00**
Battery	**ASBP/25**		3.2V 3Ah Li-Ion Replacement Battery	**£20.65**

Raptor IP20 LED Twin Spot

Supplied c/w Integral Driver

3YR **3YR** Li-Eco **ST**

- Compact modern twin spot suitable for industrial applications
- Exceeds performance of 2x20W halogen equivalent
- LiFePO4 Lithium battery provides enhanced product lifetime
- Moulded polycarbonate heads
- Individual adjustable LED arrays allowing the end user to move head angle up or down to aim output to desired height
- Self-test as standard

282

275   40

	Code	Lamp	Description	Trade
Self-Test	ARAPLED/3NM/1	LED	1.8W Non-Maintained	**£78.00**
Battery	ASBP/25		3.2V 3Ah Li-Ion Replacement Battery	**£20.65**

LED Information

Total (W)	1.8W
Lumens Delivered Emergency Mode	215lm
CCT	6500K
Input	230V
Hertz	50Hz
Operating Temp -10C° to 40C°	

UK CA CE IP20

LED Twin Spot
Supplied c/w Integral Driver

- Twin LED emergency floodlighting for industrial applications
- Exceeds performance of 2x20W halogen equivalent
- Robust metal enclosure in an opal colour
- Moulded polycarbonate heads

LED Information

Total (W)	3W
Lumens Delivered	
Emergency Mode	198lm
CCT	6500K
Input	230V
Hertz	50/60Hz
Operating Temp	0C° to 40C°

UK CA CE IP20

	Code	Lamp	Description	Trade
	ATSLED/3NM	LED	3W Non-Maintained	**£124.00**
Battery	**ASBP/7**		3.6V 4Ah Ni-Cd Replacement Battery	**£24.05**

Condor LED Twin Spot
Supplied c/w Integral Driver

- Sleek modern polycarbonate moulded decorative twin spot
- Individual adjustable LED array's allowing the end user to aim output into the desired location
- Decorative design suitable for retail application
- Self-test as standard

ACTSLED/W/3NM

ACTSLED/B/3NM

300

199

55

LED Information

Total (W)	5W
Lumens Delivered Emergency Mode	
ACTSLED/W/3NM	368lm
ACTSLED/B/3NM	361lm
CCT	6500K
Input	230V
Hertz	50/60Hz
Operating Temp	0C° to 40C°

UK CA CE IP20

	Code	Lamp	Description	Trade
Self-Test	ACTSLED/W/3NM	LED	5W - White	£136.00
Self-Test	ACTSLED/B/3NM	LED	5W - Black	£136.00
	ASBP/6		3.6V 6Ah Ni-Cd Replacement Battery	£31.90

Signal Pro LED Lithium Emergency Downlight

Supplied c/w Remote Driver and Battery Pack

- Compact LED Non-Maintained fixed downlight
- LiFePO4 Lithium battery provides enhanced product lifetime
- 70mm to 120mm cut-out
- Supplied with open area and escape route interchangeable lenses
- High specification optic design and performance allows increased spacing providing reduced cost
- DALI emergency as standard
- If not connected to DALI network Self-test mode operates automatically

ASPRLED/LI/3M/DA
Open Area Lens

ASPRLED/LI/3M/DA
Escape Route Lens

ASPRLED/LI/3M/DA
Fitted with included Converter Plate Accessory

35
Ø84
70 - 120

* 1 lux minimum must be used for all marked emergency escape routes, to be measured down the centre line of the escape route itself

** 0.5 lux minimum must be used for areas larger than 60m^2, the maximum value is to be measured across the area excluding 0.5 metre border around the edge of the room

*** Explanation of the symbols:-
Transverse - Wall
Distance to wall from side of fitting
Transverse - Transverse
Side to side spacing
Axial - Wall
Distance to wall from end of fitting
Axial - Axial
End to end spacing

Escape Route

***	Escape route 2 metres wide (1 Lux minimum) *			
Mounting Height (M)	Transverse to Wall	Transverse to Transverse	Axial to Wall	Axial to Axial
2.5	-	-	6	14
4	-	-	5.5	16
6	-	-	-	-

Open Area

***	Open (Anti-Panic) area (0.5 Lux Minimum)**			
Mounting Height (M)	Transverse to Wall	Transverse to Transverse	Axial to Wall	Axial to Axial
2.5	4	8	4	8
4	4.7	9	4.7	9
6	4.9	9.5	4.9	9.5

LED Information

Total (Watts)	2.5W
Lumens Delivered Emergency Mode	
Open Area	209lm
Escape Route	201lm
Beam Angle	
Open Area	144°
Escape Route	143° x 120°
CCT	6000K
Input	220-240V
Hertz	50Hz
Operating Temp	5°C to 40°C

Code	Lamp	Description	Trade
ASPRLED/LI/3M/DA	LED	2.5W Non-Maintained	**£104.00**
Accessory **ASBP/19**		6.4V 1500mAh LiFePO4 Lithium Replacement Battery	**£21.35**

Signal LED Emergency Downlight
Supplied c/w Remote Driver and Battery Pack

- Economic and compact LED Non-Maintained fixed downlight
- Integral selector switch provides option of high/medium/low brightness of green charging indicator
- White and black powder coat paint finish
- LED combines power and green charge indicator
- Dimmable switch included for green charge indicator
- 3 hour emergency output

Ø50
38
43

*   1 lux minimum must be used for all marked emergency escape routes, to be measured down the centre line of the escape route itself
** 0.5 lux minimum must be used for areas larger than 60m², the maximum value is to be measured across the area excluding 0.5 metre border around the edge of the room
*** Explanation of the symbols:-
    Transverse - Wall
    Distance to wall from side of fitting
    Transverse - Transverse
    Side to side spacing
    Axial - Wall
    Distance to wall from end of fitting
    Axial - Axial
    End to end spacing

ASLED/3NM

ASLED/3NM/B

Included switch allows dimming for green LED charge indicator

LED Information

Total (Watts)	1.5W
Lumens Delivered Emergency Mode	
ASLED/3NM	100lm
ASLED/3NM/B	107lm
Beam Angle	
ASLED/3NM	128°
ASLED/3NM/B	115°
CCT	6500K
Input	230V
Hertz	50/60Hz
Operating Temp	0°C to 40°C

UKCA CE ⏚ IP20

Escape route 2 metres wide (1 Lux minimum) *					
***	☐←→▨	☐←→☐	▭←→▨	▭←→▭
Mounting Height (M)	Transverse to Wall	Transverse to Transverse	Axial to Wall	Axial to Axial
ASLED/3NM 2.5	3	8.5	3	8.5
4	3	9	3	9
ASLED/3NM/B 2.5	2.7	7	2.7	7
4	2.6	7.5	2.6	7.5

Open (Anti-Panic) area (0.5 Lux Minimum)**					
***	☐←→▨	☐←→☐	▭←→▨	▭←→▭
Mounting Height (M)	Transverse to Wall	Transverse to Transverse	Axial to Wall	Axial to Axial
ASLED/3NM 2.5	3.6	7.5	3.6	7.5
4	3.6	10.5	3.6	10.5
6	3.6	11	3.6	11
ASLED/3NM/B 2.5	3	6.3	3	6.3
4	3	9	3	9
6	3	10.5	3	10.5

	Code	Lamp	Description	Trade
	ASLED/3NM	LED	1.5W Non-Maintained	**£46.75**
	ASLED/3NM/B	LED	1.5W Non-Maintained	**£46.75**
Accessory	**ASBP/8**		3.6V 2Ah Ni-Cd Replacement Battery	**£17.15**

Beacon LED Emergency Fixed Downlight

Supplied c/w Remote Driver and Battery Pack

- LED Non-Maintained fixed polycarbonate downlight
- 3 hour emergency output
- Power and green charge LED are discreetly incorporated within the head
- 123° beam angle

59

Ø75

62

* 1 lux minimum must be used for all marked emergency escape routes, to be measured down the centre line of the escape route itself
** 0.5 lux minimum must be used for areas larger than 60m², the maximum value is to be measured across the area excluding 0.5 metre border around the edge of the room
*** Explanation of the symbols:-
  Transverse - Wall
  Distance to wall from side of fitting
  Transverse - Transverse
  Side to side spacing
  Axial - Wall
  Distance to wall from end of fitting
  Axial - Axial
  End to end spacing

Escape route 2 metres wide (1 Lux minimum) *				
***	▯◄►▨	▯◄►▯	▭◄►▨	▭◄►▭
Mounting Height (M)	Transverse to Wall	Transverse to Transverse	Axial to Wall	Axial to Axial
2.5	-	-	3	9.5
4	-	-	3.3	11.5
6	-	-	-	-

Open (Anti-Panic) area (0.5 Lux Minimum) **				
***	▯◄►▨	▯◄►▯	▭◄►▨	▭◄►▭
Mounting Height (M)	Transverse to Wall	Transverse to Transverse	Axial to Wall	Axial to Axial
2.5	3.5	8.9	3.5	8.9
4	4	11.4	4	11.4
6	4.5	12.9	4.5	12.9

LED Information

Total (Watts)	5W
Lumens Delivered Emergency Mode	316lm
Beam Angle	123°
CCT	6500K
Input	230V
Hertz	50Hz
Operating Temp	0°C to 40°C

Code	Lamp	Description	Trade
ABFLED/3NM	LED	5W Non-Maintained	**£65.50**
Accessory ASBP/9		3.6V 4.5Ah Ni-Cd Replacement Battery	**£28.90**

UK CA   CE   IP20

Beacon LED Emergency Adjustable Downlight
Supplied c/w Remote Driver and Battery Pack

- LED Non-Maintained adjustable die-cast aluminium downlight
- 3 hour emergency output
- Power and green charge LED are discreetly incorporated within the head
- 22° beam angle

52
Ø78
60

* 1 lux minimum must be used for all marked emergency escape routes, to be measured down the centre line of the escape route itself

** 0.5 lux minimum must be used for areas larger than 60m², the maximum value is to be measured across the area excluding 0.5 metre border around the edge of the room

*** Explanation of the symbols:-
Transverse - Wall
Distance to wall from side of fitting
Transverse - Transverse
Side to side spacing
Axial - Wall
Distance to wall from end of fitting
Axial - Axial
End to end spacing

LED Information

Total (Watts)	5W
Lumens Delivered	
Emergency Mode	248lm
Beam Angle	22°
CCT	6500K
Input	230V
Hertz	50/60Hz
Operating Temp	0°C to 40°C

UK CA CE ⏚ IP20

	Escape route 2 metres wide (1 Lux minimum) *				
***	⊡↔▨	⊡↔⊡	▭↔▨	▭↔▭
Mounting Height (M)	Transverse to Wall	Transverse to Transverse	Axial to Wall	Axial to Axial
2.5	2	5.25	2	5.25
4	2.5	6.5	2.5	6.5
6	-	-	-	-

	Open (Anti-Panic) area (0.5 Lux Minimum) **				
***	⊡↔▨	⊡↔⊡	▭↔▨	▭↔▭
Mounting Height (M)	Transverse to Wall	Transverse to Transverse	Axial to Wall	Axial to Axial
2.5	2.25	5.7	2.25	5.7
4	2.5	7.1	2.5	7.1
6	3	8.25	3	8.25

Code	Lamp	Description	Trade
ABLED/3NM	LED	5W Non-Maintained	**£70.00**
Accessory ASBP/9		3.6V 4.5Ah Ni-Cd Replacement Battery	**£28.90**

Raven LED Emergency Downlight

Supplied c/w Integral Driver and Battery Pack

3YR **3YR** **ST**

Emergency downlight with integral inverter and battery pack

Escape Route

Open Area

- Recessed Self-test emergency downlight with self-contained inverter and battery pack
- Integral components for fast-fit installation
- Option of escape route or open area models
- High performance optic design
- Pre-wired with 150mm rubber insulated cable for ease of installation
- Up to 15 metres spacing between luminaires

98 17
Ø110
Open Area

98 12
Ø110
Escape Route

95

* 1 lux minimum must be used for all marked emergency escape routes, to be measured down the centre line of the escape route itself

** 0.5 lux minimum must be used for areas larger than 60m^2, the maximum value is to be measured across the area excluding 0.5 metre border around the edge of the room

*** Explanation of the symbols:-
Transverse - Wall
Distance to wall from side of fitting
Transverse - Transverse
Side to side spacing
Axial - Wall
Distance to wall from end of fitting
Axial - Axial
End to end spacing

	Escape route 2 metres wide (1 Lux minimum) *			
***	▯↔▨	▯↔▯	▭↔▨	▭↔▭
Mounting Height (M)	Transverse to Wall	Transverse to Transverse	Axial to Wall	Axial to Axial
2.5	-	-	4	10
4	-	-	3	11
6	**	**	**	**

	Open (Anti-Panic) area (0.5 Lux Minimum) **			
***	▯↔▨	▯↔▯	▭↔▨	▭↔▭
Mounting Height (M)	Transverse to Wall	Transverse to Transverse	Axial to Wall	Axial to Axial
2.5	2.5	4.88	2.5	4.88
4	2.8	6.69	2.8	6.69
6	2	8.5	2	8.5

LED Information

Total (Watts)	3W
Lumens Delivered Emergency Mode	
Open Area	128lm
Escape Route	111lm
Beam Angle	
Open Area	43.3°
Escape Route	142° x 49°
CCT	6500K
Input	220/240V
Hertz	50/60Hz
Operating Temp	0C° to 40C°

	Code	Lamp	Description	Trade
Self-Test	ARALED/ER/3NM/ST	LED	3W Non-Maintained - Escape Route	£57.50
Self-Test	ARALED/OA/3NM/ST	LED	3W Non-Maintained - Open Area	£57.50
Accessory	ASBP/14		3.2V 3000mA Li-FePO4 Lithium Replacement Battery	£12.30

UK CA CE IP65

Merlin LED Emergency Downlight
Supplied c/w Remote Driver and Battery Pack

- Ultra-low profile recessed self-test emergency downlight
- Self-test as standard
- Option of escape route or open area models
- High specification optic design and performance allows increased spacing providing reduced cost
- Up to 17.8 metres spacing between luminaires

63

Ø85

72

* 1 lux minimum must be used for all marked emergency escape routes, to be measured down the centre line of the escape route itself

** 0.5 lux minimum must be used for areas larger than 60m², the maximum value is to be measured across the area excluding 0.5 metre border around the edge of the room

*** Explanation of the symbols:-
Transverse - Wall
Distance to wall from side of fitting
Transverse - Transverse
Side to side spacing
Axial - Wall
Distance to wall from end of fitting
Axial - Axial
End to end spacing

AMELED/OA/3NM/ST

AMELED/ER/3NM/ST/B

Escape route 2 metres wide (1 Lux minimum) *				
***	↤▨	↤↦	☐↤▨	☐↤↦☐
Mounting Height (M)	Transverse to Wall	Transverse to Transverse	Axial to Wall	Axial to Axial
2.5	-	-	5.5	14
4	-	-	7.5	19.6
2.5	-	-	5	14
4	-	-	7	19.5

AMELED/ER/3NM/ST
AMELED/ER/3NM/ST/B

Open (Anti-Panic) area (0.5 Lux Minimum)**				
***	↤▨	↤↦	☐↤▨	☐↤↦☐
Mounting Height (M)	Transverse to Wall	Transverse to Transverse	Axial to Wall	Axial to Axial
2.5	3	6.5	3	6.5
4	4	9.5	4	9.5
6	5	11.5	5	11.5
2.5	3	6	3	6
4	4	9	4	9
6	4.5	10	4.5	10

AMELED/OA/3NM/ST
AMELED/OA/3NM/ST/B

LED Information

Total (Watts)	5W	
Lumens Delivered		
Emergency Mode		/B
Open Area	259lm	191lm
Escape Route	247lm	229lm
Beam Angle		
Open Area	110°	108°
Escape Route	140° x 53°	140x 53°
CCT	6500K	
Input	230V	
Hertz	50/60Hz	
Operating Temp	0°C to 40°C	

	Code	Lamp	Description	Trade
Self-Test	AMELED/ER/3NM/ST	LED	5W Non-Maintained - Escape Route	**£77.50**
Self-Test	AMELED/OA/3NM/ST	LED	5W Non-Maintained - Open Area	**£77.50**
Self-Test	AMELED/ER/3NM/ST/B	LED	5W Non-Maintained - Escape Route - Black	**£77.50**
Self-Test	AMELED/OA/3NM/ST/B	LED	5W Non-Maintained - Open Area - Black	**£77.50**
Accessory	ASBP/9		3.6V 4.5Ah Ni-Cd Replacement Battery	**£28.90**

UK CA   CE   IP20

IP65 Falcon LED Surface Emergency Downlight

Supplied c/w Integral Driver and Battery Pack

AFALED/3NM/ST/IP65

AFALED/3NM/ST/IP65/B

Open Area Lens

Escape Route Lens

- Compact surface ultra-low profile recessed self-test emergency downlight
- Self-test as standard
- Supplied with open area and escape route interchangeable lenses
- High specification optic design and performance allows increased spacing providing reduced cost
- Up to 19.6 metres spacing between luminaires
- BESA mounting option

57.2   165

* 1 lux minimum must be used for all marked emergency escape routes, to be measured down the centre line of the escape route itself

** 0.5 lux minimum must be used for areas larger than 60m², the maximum value is to be measured across the area excluding 0.5 metre border around the edge of the room

*** Explanation of the symbols:-
Transverse - Wall
Distance to wall from side of fitting
Transverse - Transverse
Side to side spacing
Axial - Wall
Distance to wall from end of fitting
Axial - Axial
End to end spacing

	Escape route 2 metres wide (1 Lux minimum) *			
***	▯↔▨	▯↔▯	▢↔▨	▢↔▢
Mounting Height (M)	Transverse to Wall	Transverse to Transverse	Axial to Wall	Axial to Axial
2.5	-	-	4.2	10
4	-	-	4.25	12
2.5	-	-	4	9.5
4	-	-	3.6	11

AFALED/ER/3NM/ST
AFALED/ER/3NM/ST/B

	Open (Anti-Panic) area (0.5 Lux Minimum)**			
***	▯↔▨	▯↔▯	▢↔▨	▢↔▢
Mounting Height (M)	Transverse to Wall	Transverse to Transverse	Axial to Wall	Axial to Axial
2.5	2.5	5	2.5	5
4	3.5	7.1	3.5	7.1
6	4	9.8	4	9.8
2.5	2.5	4.8	2.5	4.8
4	3.5	6.8	3.5	6.8
6	4	9.8	4	9.8

AFALED/OA/3NM/ST
AFALED/OA/3NM/ST/B

	Code	Lamp	Description	Trade
Self-Test	AFALED/3NM/ST/IP65	LED	3W Non-Maintained	£59.00
Self-Test	AFALED/3NM/ST/IP65/B	LED	3W Non-Maintained - Black	£59.00
Accessory	ASBP/14		3.6V 3Ah Ni-Cd Replacement Battery	£12.30

LED Information

Total (Watts)	3W	
Lumens Delivered		
Emergency Mode	White	Black
Open Area	152lm	142lm
Escape Route	138lm	116lm
Beam Angle		
Open Area	96°	96°
Escape Route	133° x 15°	135° x 17°
CCT	6500K	
Input	230V	
Hertz	50/60Hz	
Operating Temp 0°C to 40°C		

UK CA CE ⏚ IP65

Three Circuit Legion LED Emergency Trackspot

Supplied c/w Integral Driver and Battery Pack

- Three circuit non-maintained emergency trackspot
- 3hr Emergency Output
- Simply clip onto existing track system for instant emergency lighting solution
- Power and green charge LED are discreetly incorporated within the head
- Available in black and white finishes
- 3.2W LED light source produces 250 lumens
- 105° beam angle

- Must be used in conjunction with the Unity 3 circuit track (see p195-p202)

Please note, this product will not work with single circuit track systems

85
32
250

ALEGLED/B

ALEGLED/W

Emergency Standby

Emergency Operation

LED Information

Total (Watts)	3.2W
Lumens Delivered	250lm
Lm/W	78lm
Beam Angle	105°
CRI	Ra 80
CCT	6000K
Input	230V
Hertz	50/60Hz
Operating Temp	0°C to 40°C

UK CA   CE   ⏚   IP20

Code	Lamp	Description	Trade
ALEGLED/W	LED	3.2W - Daylight - White	**£70.00**
ALEGLED/B	LED	3.2W - Daylight - Black	**£70.00**
ASBP/27/LI		3.2V 6Ah Li-FeP04 Replacement Battery	**£29.35**

Warrington: +44 (0) 1942 433333
Belfast: +44 (0) 2890 773750

LED Panel Pod Emergency
Compatible Infinite and Endurance LED Panels

3YR **3YR** **ST**

Top Housing View

Bottom Housing View
showing Emergency LED

- Integral emergency pod to convert any Ansell Endurance LED and Pace LED panel to emergency, instantly
- Simple, quick twist and lock fixing
- LiFePO4 Lithium battery provides improved energy consumption, product reliability and lifetime
- Supplied with a pre-wired 1 Metre cable for ease of installation
- Tri-colour LED shows green for healthy running condition, red/flashing for fault conditions and white for emergency operation
- UK Patent No. GB2522285
- European Patent No. 15165652.7
- Irish Patent No. 2015/0128
- EC Registered Design No 002712232-0001

45
125

Panel Pod™

STEP 1
Unscrew coin plug from back of Ansell LED Panels

STEP 2
Locate and twist Panel Pod into position. Connect incoming supply to pre-leaded cable

	Code	Lamp	Description	Trade
Self-Test	AIRMLED/POD/3NM/ST	LED	5W - Cool White	**£106.00**
Accessory	ASBP/21		6.4V 3Ah Li-FePO4 Replacement Battery	**£33.55**

LED Information

Total (Watts)	5W
Lumens Delivered Emergency Mode	189lm
Beam Angle	120°
CCT	6500K
Input	230V
Hertz	50/60Hz
Operating Temp	0C° to 45C°

UKCA CE IP20

Panel Pod

Panel Pod™
Emergency

Panel Pod™
Sensor

Pre-wired 1 metre cable *

As standard ensuring a fast and easy installation
* 300mm for Panel Pod Sensor

Twist and Lock Connection

Provides a secure connection and easy installation

Self-Test as standard *

Provides instant indication to status of emergency
module and lamp, negating the need for manual monthly
and annual checks
* Panel Pod Emergency only

Detection Area and Angle

Provides detection area of 360° with a detection angle of
120°

Hawk Universal Lithium Emergency Kit

3YR **Li-Eco 3YR** **ST**

- Ultra-slim universal Self-test emergency convertor pack for LED luminaires
- Supplied c/w recessed LED indicator housing
- Ideal for most LED panels, Downlights and Linear products
- Compatible for LED luminaires with separate LED driver (Maximum 60V Forward Voltage)
- LiFePO4 Lithium battery provides improved energy consumption, product reliability and lifetime

Wiring Diagram

1	OFF
2	L N
3	Output to LED +Brown -Blue / From LED Driver +Brown -Blue
4	ON

Forward Voltage	18V	23V	28V	33V	38V	43V
Output Current	59mA	60mA	60mA	62mA	62mA	62mA
Output Wattage	1.06W	1.38W	1.68W	2.05W	2.36W	2.67W

Forward Voltage	48V	53V	54V	55V	56V	60V
Output Current	62mA	62mA	62mA	62mA	62mA	62mA
Output Wattage	2.98W	3.29W	3.35W	3.41W	3.47W	3.70W

Code	Description	Trade
AHUEMKIT/LI	Maintained/Non-maintained - Universal Emergency Pack	£82.50

63

25

225

UK CA CE IP20

LED Emergency Lighting Pack

- Emergency lighting pack for use with LED lamps as follows:-

  GU10 LED Lamps
  Minimum: 3W
  Maximum: 8W

- 55mm cut-out aperture
- Will provide 3 hour duration

Wiring Diagram

1

2

3

CEILING

POWER LINE

Ls
L
E
N

4

L
N

Code	Description	Trade
ACFLP/3	Maintained / Non-Maintained - CFL/LED	**£120.00**

Ni-Cd 2YR 3YR IP20 UK CA CE

Technical A-Z

AC Alternating Current	Alternating Current. The movement or flow of electric charge that periodically changes direction. AC current is the format that electricity is supplied in.
Accent Lighting	Accent lighting is directional lighting which highlights and accentuates certain areas or objects.
Stainless Steel AISI 316L	316L is a low carbon content grade of Stainless Steel, giving excellent corrosion resistance properties. Due to its corrosion resistance AISl316L is also known as Marine Grade. All Stainless Steel requires a degree of maintenance to ensure its appearance does not tarnish over time. (see ASSCK – Stainless Steel Cleaning Kit below)
Ambient Lighting	The level of background light, usually low and supplemented by Task or Accent lighting.
Ambient Temperature	Surrounding - the ambient temperature is the temperature of the air that surrounds the fixture in the room. A critical criterion for fixture selection especially in extreme temperature environments.
Anti-Ligature	This is a luminaire that is free from points where a cord could be fastened to create a ligature point. If a fitting is classed as Anti-Ligature the ligature risk is eliminated by designing it in such a way that it is not possible for a cordlike object to be looped or tied around it.
ASSCK	Stainless Steel Cleaning Kit To ensure Inox/AISl316L Stainless Steel products from the Collezione Italiana range maintain their high quality finish and appearance, we recommend regular (every 3-4 months) cleaning by using the ASSCK kit.
Asymmetric Distribution	Non-symmetric distribution of light. In many cases, the luminous intensity (light output) may be more pronounced in one direction. Commonly found on floodlights to allow them to be aimed downwards, keeping unwanted upward light spillage to a minimum.
Azimuth	The orientation angle in the horizontal plane, commonly referred to in floodlighting schemes.
Bathroom Zones *Note – The area under the bath is classed as an outside zone providing there is a bath panel in situ which can only be removed with aid of a tool.	Bathroom luminaire installations must comply with legislation; please refer to latest building regulations. Zone 0 – This is inside the bath or shower. Any fitting used in these areas must be SELV and IPX7 Zone 1 – This is the area above the bath to a height of 2.25m from the floor. In this zone a minimum rating of IPX4 is required. If a 230V luminaire is used, the circuit must be protected by a 30mA RCD. Zone 2 – This area extends a further 0.6m outside Zone 1. In this zone a minimum rating of IPX4 is required. It is also recommended to have luminaires with a rating of IPX4 around the wash basin (with 0.6m radius of the tap). Outside Zones - Anywhere outside Zones 0, 1 and 2 are classed as outside zones (excluding specific areas) providing water jets are not used, so the minimum rating is IPX0. If water jets are to be used a minimum of IPX5 is required. Full details can be found in the IEE Wiring Regulations.
Ballast	A device used to operate fluorescent and HID lamps. The ballast, while limiting and regulating the lamp current during operation, provides the necessary voltage to the lamp.
Ballast Losses	Power, which is supplied to ballast but is not converted into lamp energy. Ballast loss is dissipated as heat. There are strict guidelines to ensure only efficient ballasts are used, to avoid unnecessary energy consumption.
Ballast Lumen Factor	The ballast lumen factor (BLF) is the ratio of the light output of the lamp when operated under emergency lighting conditions compared to normal mains supply.
Beam Angle	Somewhat misleading angle of light spread, to which the intensity has fallen of to 50% of the peak value.
Binning (LED)	Binning is the process of methodically sorting and grouping LED's according to measured parameters (normally colour and lumens). This allows design engineers to systematically specify an LED and it allows the manufacturer to order LED's that function consistently. Binning also makes it possible to re-order LED's that match the original.

Bluetooth/BLE	Bluetooth Low Energy: a wireless area network technology compatible with a large application base of mobile phones, tablets and computers.
Brightness	What the eye actually sees. Not to be confused with luminance, which is what a lightmeter, reads.
BSI	British Standards Institute. The UK National Standards Body - www.bsigroup.com Key Standards applicable include BS 476 part 21 Fire test for building Materials (i-Cage Range) BS 5225 Photometric Data for Luminaires BS 5266 Code of practice for Emergency Lighting BS7671 Requirements for Electrical Installations (Wiring Regulations) BS EN 60570 Track systems for Luminaires BS EN 60598-1 Luminaires - General requirements and tests BS EN 60598-2-2 Luminaires – Specific requirements, Recessed Luminaires BS EN 60598-2-5 Luminaires – Specific requirements, Floodlights BS EN 60598-2-6 Luminaires – Specific requirements, In-built Transformers BS EN 60598-2-22 Luminaires - Specific requirements, Emergency Lighting BS EN 61047 Electronic Transformers
Building Regulations	Legal requirements for the installer to adhere to regarding equipment installed in to a building. Standards exist for Domestic and Non-Domestic premises and there are variations in the different countries of the UK.
Candela (CD)	The SI unit of luminous intensity. The intensity of a light source in a Specific direction.
Capacitor	Component that stores electrical energy. Often used for power factor correction and lamp regulation.
CCT	Correlated Colour Temperature (CCT) defines the colour appearance of a white LED. CCT is defined in degrees Kelvin. See also Colour Temperature
CE	European Community conformity mark. This denotes that the item conforms with the requirements of relevant EU Directives
CELMA	Federation of National Manufactures for Luminaires and Electrotechnical Components for Luminaires. A European body committed to improving standards within the lighting industry. www.celma.org
CIBSE	The Chartered Institute of Building Service Engineers. The Society of Light and Lighting, a division of CIBSE, publishes many Lighting Guides, widely used as references for the choice of luminaire and recommended Illuminance level most suitable for a specific area. www.cibse.org
Circadian Style Lighting	The concept of circadian lighting follows that of the human circadian rhythm, a 24-hour internal clock. Circadian style lighting uses the idea that electric light can be used to assist human health by using it to support the natural circadian rhythm. The area of the brain called the hypothalamus controls each person's circadian rhythm by receiving signals from the eyes that report when it's daytime and night time. The hypothalamus, in turn, controls the amount of melatonin released to correlate sleepiness with darkness and alertness with lightness.
Class I	Luminaires in this class are electrically insulated and provided with connection with earth.
Class II	Luminaire are designed and constructed so that protection against electric shock does not rely on basic insulation only. This can be achieved by means of reinforced or double insulation. No provision for Earthing is provided.
Class III	Protection against electric shock relies on the supply of Safety Extra Low Voltage (SELV) and in which voltages higher than those of SELV are not generated (Max.50V ac or below).

Colour Rendering Index (CRI/Ra)	Known as CRI or Ra. The appearance of surface colours when illuminated by light from a given source. Good colour rendering implies similarity of appearance to that under an acceptable light source, such as natural daylight.
Colour Temperature (Light sources)	Measured in degrees Kelvin. The Lower the Kelvin figure, the Warmer the lamp Colour Temperature e.g. 2700°K is very warm and 6500°K is very cool/Daylight. Warm White generally refers to >3000 °K, White/Intermediate =3500 °K and Cool White <4000 °K
Compact Fluorescent	Small fluorescent lamps from 5W to 57W that are sufficiently compact to emulate an incandescent lamp. The term also applies to TC-L lamps up to 55W.
Coordinator/Hub	A device that receives and relays commands to other devices. Sometimes manages multiple protocols and 'translates' commands from one to another.
Corridor Function	Corridor Function is a setting of DD Dimmable control gear for operation with a PIR (standard on/off). Dimmable ballasts reduces light output to approxiamately 10% when the area is unoccupied and increases to full light output when presence detector (MWS / PIR) is activated.
Data Sheets	Are available for Ansell products to enable Operation and Maintenance manuals to be completed. These can be obtained via www.anselluk.com.
Daylight Harvesting	Daylight harvesting uses daylight to offset the amount of electric lighting needed to light a space in order to reduce energy consumption. Lighting control systems monitor the amount of light available and then react according to the amount of daylight available.
DC Direct Current	DC (direct current) is the unidirectional flow or movement of electric charge; electrons. The intensity of the current can vary with time, but the general direction of movement stays the same at all times. The term DC is used in reference to voltage whose polarity never reverses.
DD1 (Switch Dim)	SWITCH DIM – SwitchDIM operation for ON / OFF and dimming is by means of a push-to-make (retractive) switch, and is the simplest form of dimming. A brief operation of the switch (<0.6sec), will switch ON or OFF. When the push to make switch is held, the ballast is dimmed. On a further push, the ballast is dimmed in the opposite direction. For full operation the circuit should be as shown below, using a 4 core installation (switched live, permanent live supply, neutral and earth).
DD2 (DSI)	DIGITAL DIMMING (DSI) – Require a digital (DSI) signal from an external source to instruct the ballast to switch ON /OFF and dim. A Digital Serial Interface (DSI) translates the signals from the controller and operates the ballast / driver. This system is commonly employed in larger installations with scene-set controllers or energy management systems. Digital dimming is also used for Infra-Red remote control, PIR presence detection and automatic daylight sensing. Each luminaire requires a 3 core mains supply (L E N) and an additional DSI signal cable, normally a 2 core 0.75mm2 flexible cable. This is looped around any luminaires to be dimmed together (check with the Dimming Controller supplier as there are a maximum number of ballasts which can be connected together, dependent on lamp type and wattage). An additional Unswitched live is required if the luminaire incorporates emergency control gear.

DD3 (DALI)	Digital Addressable Lighting Interface. A Dimming system that employs DALI protocol-based technology (i.e.digital control signals) to control electronic ballasts, controllers and sensors belonging to the system. Each system component has its own device-specific address, and this makes it possible to implement individual device control. The DALI system offers 64 individual addresses, 16 group addresses and the ability to program each ballast with up to 16 scenes.	
DD4 (Analogue Dimming 1-10V)	1-10V control gear requires an analogue (1-10V) signal from an external source to instruct the ballast / LED Driver to dim. This system is commonly employed in larger installations with scene-set controllers or energy management systems. Digital dimming is also used for PIR presence detection and automatic daylight sensing. Each luminaire requires a 3 core mains supply (L E N) and an additional 1-10V signal cable, normally a 2 core 0.75mm2 flexible cable. This is looped around any luminaires to be dimmed together (check with the Dimming Controller supplier as there are a maximum number of ballasts / LED drivers which can be connected together, dependent upon lamp type and wattage).	
DD5 (OCTO Smart Dim)	Mains / triac dimming option; allowing detailed products to be used in conjunction with OCTO controllers (AOCTO/IC/200 or AOCTO/OC/IP65/200)	
Dimmers & Dimming	The process by which luminaires are dimmed from 100% to a minimum level that is not always zero. Most luminaires that are required to be dimmed will need special control gear for this operation and typically additional circuit wiring.	
Direct Lighting	Lighting in which the greater part of the luminous flux from the luminaires reaches the surface (usually the working plane) directly, i.e. without reflection from surrounding surfaces.	
Directional Lighting	Lighting a display object predominately from one direction. Directional lighting can be used to great effect in retail, display windows or even exterior floodlighting, producing strong modelling/shadows to accentuate the object.	
Discharge Lamps	Fluorescent lamps are medium pressure discharge lamps but high-pressure lamps include Metal Halide, Ceramic Metal Halide, and High-pressure Sodium lamps.	
DLOR	Downward Light Output Ratio. The ratio of the total light output of a luminaire below the horizontal.	

DMX	(Digital Multiplex) is a standard for digital communication networks that are commonly used to control stage lighting and effects. It was originally intended as a standardised method for controlling light dimmers, which, prior to DMX512, had employed various incompatible proprietary protocols. It soon became the primary method for linking controllers (such as a lighting console) to dimmers and special effects devices such as fog machines and intelligent lights. DMX has also expanded to uses in non-theatrical interior and architectural lighting, at scales ranging from strings of Christmas lights to electronic billboards. The use of DMX can now be used to control almost anything, reflecting its popularity in theatres and venues.
Double Insulation	Insulation comprising both basic insulation and supplementary insulation. Also referred to as Class II
Edge Lit	This means that the LED chips are positioned vertically around the perimeter of the product (panel / downlight). Providing an excellent uniform illuminated panel in a fixture as slim as 8mm.
Efficiency	Ratio of power supplied to wattage dissipated.
Efficacy	A metric term used to compare light output to energy consumption. Efficacy is measured in lumens per watt. Efficacy is similar to efficiency, but is expressed in dissimilar units. For example, if a 100-watt source produces 9000 lumens, then the efficacy is 90 lumens per watt
Electromagnetic Ballast (Magnetic Ballast)	Ballast that uses a copper wire winding around a solid core assembly to transform electrical current to start and operate fluorescent and high intensity discharge (HID) lamps.
Electronic Ballasts (High Frequency)	The efficiency of fluorescent lamps can be improved by increasing the frequency of the mains voltage supplied to them. Electronic ballasts and controls can be used to increase the normal mains frequency of 50/60Hz to 25/30KHz improving lamp efficiency by approximately 10%. Electronic ballasts also consume less power than conventional ballasts and when combined with other efficiency benefits, electronic ballasts can achieve savings of around 20% compared to conventional 50/60Hz systems with the same light output levels.
EMC	Electromagnetic Compatibility. Many Electrical items produce unintentional interference, EMC ensures these levels are within guidelines and should therefore not cause unwanted interference with other equipment.
Emergency Lighting	Lighting provided for use when the main lighting installation fails enabling safe exit from a building.
Emergency Lighting test	Testing An Emergency Lighting Installation should undergo regular periodic testing to ensure the luminaires are correctly functioning, also to maintain the condition of the batteries. The testing should be recorded in a log book and follow the schedule of • Daily – Visual Check that the charge indicator LED is illuminated • Monthly – A Functional test, that the luminaire operates when mains supply is disconnected • Annually – As Monthly test but for the full rated duration of the luminaire (3hrs)
Escape Route Lighting	Emergency lighting provided on a defined route to ensure that the means of escape from a point in a building to the final exit.
E27 (ES)	Edison Screw (lampholder or lamp cap).
E40 (GES)	Giant Edison Screw (lampholder or lamp cap) common on larger wattage HID lamps.
Filament	The tungsten coil that glows to incandescence when an electric current passes through it.
Fire-Rated	A luminaire, usually a downlight, which has been designed to function also as a fire barrier when installed into a building.
Firmware	Firmware is the term for a type of software that is stored on a hardware device in order to make it run properly. It runs on a fixed amount of memory available on the device.
Flicker	A visible oscillation in the luminous flux/light output.
Flood Beam	Reflector lamps and luminaires with in built reflectors having a beam spread of more than 60°

Fluorescent lamps	A lamp, which produces light by a gas discharge that in turn, causes a phosphor coating inside the glass envelope or tube to produce light by fluorescence.
Fluorescent Tubes T12, T8, T5 etc	Refers to their diameter of the lamp glass in eighths of an inch, i.e. 12/8 (38mm) 8/8 (26mm) 5/8(16mm) and respectively. Lamps may be linear or compact fluorescent type.
Flux	(Lumens) falling on to a surface.
Frequency General Lighting	Rate of alternation in an AC current. Expressed in cycles per second or hertz (Hz). Lighting designed to illuminate the whole of an area uniformly without provision for special local requirements.
Gateway	A gateway is a device that enables data to travel from one network to another, or link one protocol with another. It acts as a 'gate' for data to flow in and out of a network
Glare	Refers to the difficulty seeing in the presence of bright light such as direct or reflected sunlight or artificial light such as direct LED ouput. Because of this, some luminaires include opal diffusers or reflectors to provide an anti-glare function.
Group/Zone	Groups or zones in smart lighting are used to simplify layouts/controls by grouping together products that have or will use identical configurations.
Hazardous Area	An environment in which a risk of fire or explosion exists. Commonly referred to as Zone 1, Zone 2 etc, but not to be confused with the Zones of space in bathroom areas. Ansell do not offer any equipment suitable for Hazardous areas.
Hertz (Hz)	Cycles (frequency) per second.
High Risk Task Area	A requirement within Emergency Escape Lighting provided to ensure the safety of people involved in a potentially dangerous process or situation and to enable proper shut down procedures for the safety of the operator and other occupants of the premises.
High Power LED	A high power LED, one that is driven at a current of 350mA or higher.
Illuminance	A photometric term that quantifies the light on a surface or plane. It is expressed in lumens per m^2 (lux). This can be calculated or measure with a lightmeter.
Illumination	The density of luminous flux on a surface this parameter shows how "bright" the surface point appears to the human eye.
Incandescent Lamp	A lamp which produces light by electrically heating a filament.
Indirect Lighting	A system by which light is reflected from a primary surface, usually ceiling or walls, before reaching the working/task plane. Some luminaires by their design offer indirect lighting.
IP Ratings	The designation to indicate the degree of protection consists of the characteristic letter IP followed by two numerals. The first numeral indicates the degree protection against the ingress of solid of objects, whereas the second numeral refers to the degree of protection against the ingress of water. The following symbols are appropriate:

Classification of Ingress Protection	Protection Against Solid Objects	Protection Against ingress of Water
		IP20 Greater than 12mm Non-protected
	IP21 Greater than 12mm	Dripping water
	IP22 Greater than 12mm	Dripping water (up to 15° angle)
	IP23 Greater than 12mm	Spraying water (up to 60° angle)
	IP40 Greater than 1mm	Non-protected
	IP43 Greater than 1mm	Spraying water (up to 60° angle)
	IP44 Greater than 1mm	Splashing water
	IP54 Dust-protected	Splashing water
	IP55 Dust-protected	Water jets
	IP64 Dust-tight	Splashing water
	IP65 Dust-tight	Water jets
	IP66 Dust-tight	Powerful water jets
	IP67 Dust-tight	Water immersion
	IP68 Dust-tight	Submersion to declared depth
	IP69 Dust-tight	Powerful high temperature water jets

Initial Lumens	Lumen output of a lamp after it has been operating 100 hours.

Input Voltage	Voltage provided to a ballast/luminaire by the power supply.
Inrush Current	Components such as LED drivers can have high inrush currents for milliseconds; this should be considered when specifying switching and breaker ratings.
Illuminance	The amount of light.
Illumination Level	Refers to light levels of a space at other than initial or rated conditions. This term considers light loss factors such as lamp lumen depreciation, luminaire dirt depreciation, and room surface dirt depreciation.
Isolux Diagram	A diagram showing contours of equal illuminance. Can be used to determine the direct illuminance on a plane.
Kelvin	A measurement of temperature. 1° F = 256° Kelvin. 1° C = 274° Kelvin. Used to measure colour temperature. The SI unit of temperature used to express colour temperature. The temperature in Kelvin (K) is approximately equal to the temperature in Celsius (°C) plus 273.
Kwh	The kilowatt-hour (symbolised kWh) is a unit of energy equivalent to one kilowatt of power expended for one hour of time. This figure is required to complete energy comparison calculations.
Lamp	A device which converts electrical energy into light.
LAN	Local Area Network: a collection of devices connected together over a limited area using a shared protocol (typically 'Internet Protocol' over Ethernet).
Latency	The time it takes between a command being given to the action being carried out.
LED	Light-emitting Diode. An LED is a solid-state semiconductor device that converts electrical energy directly into light.
LED Driver / Converter	An LED driver is a device that manages power and controls the current flow for an LED lighting product. LED lighting does not require high voltage, and depending on the application, could even use batteries or solar power. In the HB-LED lighting market, the term driver is usually applied to a device that can accept an input voltage and produce the required voltage. An important factor that affects the correct selection of a particular driver is the way in which multiple LEDs are actually wired together.
LED Parallel Wiring	Parallel wiring means that each component has the same supply voltage and all fittings on the circuit will have the same voltage across the luminaire terminals. The battery current (Amps) is divided by the number of luminaires on the circuit. If one luminaire fails then the remaining fittings on that circuit will stay lit.

LED Series Wiring	Series wiring means that each component has the same current and the battery voltage is divided by the number of luminaires on the circuit. If one luminaire fails then the remaining fittings on that circuit will NOT stay lit. Please note that incorrect wiring of an LED can result in irreparable damage to the LED and associated power supplies.

LED White	Previously, the only way to produce white LED light was by the additive colour mixing of the three basic colours using so-called MULTILED, i.e., three semiconductor chips (red, green and blue LED) had to be combined. Today, manufacturers can produce white LED light with only a single chip. In luminescence conversion, only a blue LED is used, whose light stimulates a luminescent substance that emits yellow light, the system produces the colour white. Depending on the composition of the luminescent substance, various white tones can be achieved such as warm white, cool white etc
LIA	Ansell Lighting is an accredited member of this leading UK trade organisation. All Ansell manufacturing facilities are audited on an annual basis to ensure compliance and quality. www.thelia.org.uk
Lighting Design	Ansell offer a lighting design service provided by a team of vastly experienced and industry qualified staff. A simple to complete form is available to ensure designs are prepared with all of the correct criteria taken into consideration. **Contact: E**: lightingdesign@anselluk.com **T:** 01942 433 537
Light Meter	or exposure meter. A device use for the measurement of light intensity. This should have a cosine corrected sensor, usually a convex shape, to measure light falling on to it from all directions and a digital readout for accuracy.
Light Spillage/Trespass	Unwanted or nuisance light which is spilled beyond the boundry of the illuminated property or area.
Lm/W	Lm/W can be separated into two categories: Lumens per Watt and Luminaire Lumens per Watt. Each can be used dependent upon the requirement and application type. Lumen per Circuit Watt is a measure of the efficacy of a light source in terms of the total lamp lumens compared to the power consumed. For example, a 100-watt fixture producing 1750 lumens gives 17.5 lumens per watt. Luminaire Lumens per Circuit Watt is a measure of the total lamp lumens and how the luminaire manipulates this light (L.O.R.) compared to the power consumed. For example, a 100-watt fixture producing 1750 lumens with a L.O.R. of 0.50 gives 35 luminaire lumens per watt.
LOR	Light Output Ratio. The ratio of the total light output of a luminaire under stated conditions to that of the lamp or lamps under reference conditions. The higher the figure, the more efficient the luminaire is. LOR may consist of any ratio of DLOR and/or ULOR.
Lumen	Standard unit of luminous flux. Describes the quantity of light emitted by a light source or received by a surface.

Technical A-Z

Lumen Depreciation	Figures published refer to the L50, L70 or L80 classification system where the number relates to the percentage of light output. So a 30,000hr L70 LED would be expected to have 70% of its rated output at 30,000hrs. LED's are subject to very small operating temperature parameters and figures quoted are typically at 25°C.
Luminance	The physical measure of brightness measured by the luminous intensity of the light emitted or reflected in a given direction from a surface element dived by the area of the element in the same direction. The SI unit of luminance is the candela per square metre (Cd/m2) It is very difficult to determine other than with a luminance meter.
Luminous Efficiency	The ratio of the luminous flux emitted by a lamp to the power consumed by the lamp. When the power consumed by the control gear is taken into account this term is sometimes known as lamp circuit luminous efficacy and is expressed in lumens/circuit watts.
Lux	The metric unit of measure for illuminance of a surface. One lux is equal to one lumen per metre-squared.
Maintained Luminaire	A luminaire containing one or more lamps all of which operate from the normal supply or from the emergency supply when required.
Mesh Network	A collection of self-configuring nodes that connect and communicate in a non-hierarchical manner
Metal Halide Lamp	A high intensity discharge (HID) lamp, which uses a mercury discharge modulated by other additives to give, enhance colour and efficiency.
Mercury Lamp	A type of high intensity discharge (HID) lamp in which most of the light is produced by radiation from mercury vapour. Available in clear and phosphor-coated lamps.
Microwave Sensor (MWS)	Microwave Sensor(MWS) Sophisticated presence detector that uses low power Microwave signals which are then reflected by moving persons and measured using the "Doppler effect" method. As lamps will have life expectancy affected by frequent switching, sensors integral to Ansell luminaires have been configured to maximise lamp life.
M3	Maintained 3hour, Mode and duration (minimum with fully charged batteries) of an Emergency luminaire.To ensure the full duration is achieved, Emergency luminaires must be correctly maintained to condition the batteries.
Network	A network consists of multiple devices that can communicate with one another. This can range from two, to billions of devices.
Night Light (NL)	A light source used only to provide low levels of illumination at night, for security or safe movement of persons. This may either be a standalone luminaire or an option incorporated within a luminaire used for general lighting. Low wattage compact fluorescent lamps are ideal for this application.
NiCd	The nickel–cadmium battery (NiCd battery or NiCad battery) is a type of rechargeable battery using nickel oxide hydroxide and metallic cadmium as electrodes. The abbreviation Ni-Cd is derived from the chemical symbols of nickel (Ni) and cadmium (Cd)
NiMh	A nickel–metal hydride battery, abbreviated NiMH or Ni–MH, is a type of rechargeable battery. Its chemical reactions are somewhat similar to the largely obsolete nickel–cadmium cell (NiCd). NiMH use positive electrodes of nickel oxyhydroxide (NiOOH), like the NiCd, but the negative electrodes use a hydrogen-absorbing alloy instead of cadmium, being in essence a practical application of nickel–hydrogen battery chemistry. A NiMH battery can have two to three times the capacity of an equivalent size NiCd, and their energy density approaches that of a lithium-ion cell.
Node	A device such as a 'smart luminaire' or a sensor in a network.
Non-Maintained Luminaire	Luminaire is off when the mains power is available to charge the batteries. Upon supply failure the luminaire is energised from the battery pack.
Open (anti-panic) Area Lighting	A part of Emergency Escape Lighting provided to avoid panic and provides illumination-allowing people to reach a place where an escape route can be identified.

Operating Frequency	Refers to the frequency at which the output of a lamp or LED source operates per second. Electronic or high frequency control gear will increase the operating frequency into an operating frequency that the human eye cannot detect.
PIR	Passive InfraRed (Detectors) are a type of occupancy sensor. Ansell do not recommend HF compact fluorescent luminaires controlled by PIR's and they should have a minimum of a 20 minute switching cycle.

The PIR's are suitable for LED lamps / luminaires. LED lamps / luminaires can be switched at any frequency but provision must be taken for the in-rush current of the LED control gear. Ansell recommends the use of branded PIR devices. |
Phosphor	The powder coating in an electric discharge lamp is the phosphor. The most common chemical used to make white light is calcium halophosphate. Other colours can be produced by a variety of other chemicals.
Photocell	A light-sensing device used to control luminaires and dimmers in response to detected light levels.
Phase Cut Off / Resistive Dimmers	Devices used to vary the brightness of a light. By decreasing or increasing the RMS voltage and, hence, the mean power to the lamp, it is possible to vary the intensity of the light output. Although variable-voltage devices are used for various purposes, the term dimmer is generally reserved for those intended to control light output from resistive incandescent, halogen, and (more recently) compact fluorescent lights (CFLs) and light-emitting diodes (LEDs). More specialised equipment is needed to dim fluorescent, mercury vapor, solid state and other arc lighting.
Photometrics	Photometrics is a term that expresses the result of scientifically tested Ansell Lighting products to produce information that can be used in lighting design packages such as Relux. This information is available for download at www.anselluk.com/downloads
Protocol	The 'language' that unrelated devices use to communicate with each other.
Ra	See Colour Rendering
Range/Proximity	The distance between/from a device/s typically in a wireless network
REACH	Registration, Evaluation, Authorisation & restriction of Chemicals. An EU Directive covering the use of hazardous chemicals used in the maufacturing process and supply of products.
Relux	The Ansell Lighting design department utilises Relux as the standard lighting design package and visual presentation tool. This programme is available free for download from www.relux.biz
Repeater	A repeater is an electronic device that receives a signal and retransmits it. Repeaters are often used in networks to extend the range of a transmission or to support a signal where there are obstructions.
RoHS	Restriction of Hazardous Substances (2002/95/EC) is an article 95 directive, meaning it is consistent across all European Union member states. Since July 1st 2006 the use of hazardous substances is restricted in products, to prevent damage to the environment. The prohibited substances are Lead, Mercury, Cadmium, Hexavalent Chromium, Polybrominated Biphenyls and Polybrominated Diphenyl Ethers.
Router	A router is a type of gateway that allows local area networks to send and receive data over the Internet.
Scene	A scene, as used in IoT (Internet of Things) are customisable shortcuts that enable several devices to work together for a specific purpose. A bedtime scene could therefore, turn smart lights off, lock smart locks, pull down smart blinds and activate smart security systems.

Self-Contained	The most common type of Emergency lighting luminaire, where all of the components are within one luminaire. This can include gear boxes connected directly to individual luminaires but outside the main luminaire housing.
Self Test Emergency	The Self-Test circuit utilises an accurate internal clock which is programmed to interrupt the permanent mains supply at set intervals thus initiating emergency lighting tests. The Self Test units are supplied pre-programmed to initiate short duration tests once every month, a one third duration test after six months and a full duration test once every 12 months (as recommended in BS5266 and EN50172).
SELV	Separated Extra-Low Voltage. An extra-low voltage system, which is electrically separated from Earth and from other systems in such a way that a single fault cannot give rise to the risk of electric shock.
Smart Device	Smart devices are generally classified as everyday objects that have additional intelligence or connectivity to the Internet and can form part of the Internet of Things (IoT).
Stroboscopic Effect	The optical elusion of motion in which moving objects appear stationary when illuminated with periodically changing light. This is due to the movement of the item occurring at the same frequency as the supply to the lamp, normally 50Hz or 50 times per second. This can be particularly dangerous in industrial applications but can be cured by using high frequency control gear.
Switch-line	The cable between switch/controller and the luminaire or device it controls.
Symmetrical Distribution	Symmetric distribution of light. In many cases, the luminous intensity (light output) is distributed exactly the same either side of the lighting plane. Commonly found on floodlights, downlights and projectors.
Task lighting	Localised lighting intended for a specific task, examples include bedhead reading lights, desk lamps and inspection bench lighting.
t°C	Rated value of the casing's maximum operating temperature. Typically marked on control gear components.
Thermal Cut-out	A protection from overheating due to abnormal lamp conditions (rectifier effect, short circuit or overload), with automatic restart after cooling. If a lamp is in a cycle of, runs for a duration, turns off, then restarts and runs for the duration again, it is likely that a thermal cut-out is operating.
Thermal Performance	This term refers to the design / thermal management of a luminaire.
Timer/time based action	A time based action is something that occurs at a specified time when the rule is executed.
TP(a), TP(b)	The Building Regulations Approved Document B2 (buildings other than dwellinghouses) places restrictions on the use of certain thermoplastic materials when they are used as lighting diffusers and form part of a ceiling. TP(a) rated materials may be used almost without restriction, restrictions exist on the use of TP(b) rated materials.
Transformer	A device by which the voltage of alternating current is changed. Traditional transformers are constructed by copper wire wound around an iron core, Electronic transformers are also commonly found. Typically used for supplying low voltage lamps, most transformers can be dimmed. The success of dimming depends on many factors including the type of dimmer and transformer used. Ansell can not recommend particular dimmers and suggest that the dimmer supplier is consulted for compatibility.
ULOR	Upward Light Output Ratio The ratio of the total light output of a luminaire above the horizontal.
Unified Glare Rating	UGR is a calculated value for the amount of glare or discomfort produced by a luminaire; its value ranges from 10 to 30, the higher the value the more perciptible the glare effect.
Utilisation Factor	The proportion of the luminous flux emitted by a light source, which reaches the working plane.

UV Ultra Violet	Invisible radiation that is shorter in wavelength and higher in frequency than visible violet light (literally beyond the violet light). Lamps that emit varying degrees of long wave ultraviolet light, which does cause harm or degradation overtime, may require filters to absorb the UV. A 'failed' lamp that does not emit any visible light is still capable of emitting high levels of UV light but is not noticed as the lack of visible light gives the impression that the lamp is not operating. The high levels of UV can then cause damage to materials, particulary plastics, with dis-colouration and crumbling of the material. Therefore failed lamps should always be replaced immediately. Ultraviolet light source can be used to create special lighting effects with fluorescent materials. UV sources can be incandescent, fluorescent, or preferably HID lamps.
Voltage	The electric potential which exists between two components in an electrical circuit. Lamps are rated in terms of wattage at a specific voltage. Operating a lamp at another voltage from that which it is rated may cause the lamp to burn at less than full intensity or to burn out very quickly.
Voice Control	Voice control and voice activation allows users to activate or control a wide range of tasks by simply using their voice rather than by buttons, or controls.
Watt (W)	The unit for measuring electrical power. It defines the rate of energy consumption by an electrical device when it is in operation. The energy cost of operating an electrical device is calculated as its wattage times the hours of use. In singlephase circuits, it is related to volts and amps by the formula: Volts x Amps x Power Factor = Watts. (Note: For AC circuits, Power Factor must be included.)
Wireless	Is the transfer of information between devices without the use of a wired connection. Typically this information is carried over radio waves of a specific frequency.
WLAN	Wireless Local Area Network: a collection of devices connected together over a limited area using a shared wireless protocol (typically 'Internet Protocol' over Wi-Fi).
WEEE	Compliance with the Waste Electrical and Electronic Equipment Directive. This covers the collection, treatment and recycling of equipment at end of life. WEEE producer numbers are Ansell Electrical Products (Warrington) - WEE/FH0429XT Ansell Sales and Distribution (Belfast) - WEE/GJ0292UQ
	When supplied as B2B EEE the producer invokes regulation 12.2 and passes all WEEE obligations to the end user.
Zenith	The direction directly above the luminaire (180° angle). Term used in floodlighting designs.
ZigBee	A standardised wireless communication protocol typically used in small scale 'smart home' networks. A standardised wireless communication protocol typically used in small scale 'smart home' networks.

Technical Lamp Types

Lamp Type	Rating (W)	Light Flux (lm)	Illustration	Cap Type /Base	Colour Temperature	Voltage(V)
PL-S	5 7 9 11	250 400 600 900		G23	4000K	230
PL-C (2-Pin)	10 13 18 26	600 900 1,200 1,800		G24 d-1 G24 d-1 G24 d-2 G24 d-3	4000K	230
PL-C (4-Pin)	10 13 18 26	600 900 1,200 1,800		G24 q-1 G24 q-1 G24 q-2 G24 q-3	4000K	230
PL-T	13 18 26 32 42 57 70	900 1,200 1,800 2,400 3,200 4,300 5,200		GX24 q-1 GX24 q-2 GX24 q-3 GX24 q-3 GX24 q-4 GX24 q-5 GX24 q-6	4000K	230
Megaman Clusterlite	60W	4,000		E27	4000K	230
PL-L	18 24 36 40 55 80	1,200 1,800 2,900 3,500 4,800 6,000		2G11	4000K	230
TC-DD (2 Pin)	16 28	1,050 2,050		GR8	3500K	230
TC-DD (4 Pin)	16 28 38	1,050 2,050 2,700		GR10q	3500K	230
T5c	40 55	3,400 4,300		2GX13	4000K	230
GX53	7 9 11 13	350 450 570 650		GX53	2700/4000K	230
T5 Miniature	4 6 8 13	150 260 420 850		G5	3500K	230
T5 High Efficency	14 21 28 35	1,350 2,100 2,900 3,650		G5	4000K	230
T5 High Output	24 39 49 54 80	2,000 3,500 4,900 5,000 7,000		G5	4000K	230
T8 Triphosphor	18 36 58 70	1,350 3,350 5,200 6,000		G13	4000K	230
T8 Halophosphor	15 18 30 36 58 70	950 1,150 2,175 2,850 4,600 5,500		G13	3500K	230

Lamp Type	Rating (W)	Light Flux (lm)	Illustration	Cap Type /Base	Colour Temperature	Voltage (V)
T8 LED Tubes	10 18 22	1050 2000 2350		G13	4500K	230
SONE-I	70	5,300		E27	2000K	230
SONT	150 250 400	15,000 27,500 50,000		E40	2000K	230
SONT	1,000	130,000		E40	2050K	230
SONE	250 400	26,000 47,500		E40	2000K	230
MBF	80 125	3,800 6,500		E27	4100K 4000K	230
MBF	250 400	15,000 22,500		E40	3500K	230
HQI-TS	70 150	5,500 10,000		RX-7	4200K	230
HQI-E	70 150	5,300 13,300		E27	4000K	230
HQI-E	250 400	23,800 41,000		E40	4000K	230
HQI/T (MBI/T)	200 250 320 400	20,000 18,900 30,000 32,400		E40	4000K	230
HPI/T	250 400	19,000 33,000		E40	4000K	230
HQI/T (MBI/T)	1,000 2,000	85,000 240,000		E40	6000K	230 415
CDM-T	35 70 150	4,000 7,750 15,000		G12	3000K	230
CDM-TC	35 70	4,000 7,650		G8.5	3000K	230
GLS Halogen	30 46 70	405 700 1,200		B22	2700K	230
Striplight	60	710		S19	2700K	230
G4	20	260		G4	2900K	12
G9	40 60	490 820		G9	2900K	230

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Product Code	Page	Lm/W	Kg	Trade	Product Code	Page	Lm/W	Kg	Trade	Product Code	Page	Lm/W	Kg	Trade
A/3MON/GU10/B	193	N/A	0.16	£16.80	AADLED/2000/WW	235	75	N/A	£28.95	ABELED/WV	305	87	0.33	£34.95
A/3MON/GU10/W	193	N/A	0.16	£16.80	AADLED/300/CW	234	80	N/A	£7.60	ABFLED/3NM	560	N/A	0.66	£65.50
A/3MT1/B	191	N/A	0.88	£38.45	AADLED/300/RGB	234	N/A	N/A	£8.30	ABLED/3NM	561	N/A	0.9	£70.00
A/3MT1/W	191	N/A	0.88	£37.30	AADLED/300/WW	234	75	N/A	£7.60	ABLED2X5	466	105	3	£155.00
A/3MT2/B	191	N/A	1.79	£73.50	AADLED/500/CW	234	80	N/A	£10.60	ABLED2X5/DD	466	105	3	£245.00
A/3MT2/W	191	N/A	1.79	£73.50	AADLED/500/RGB	234	N/A	N/A	£11.70	ABLED2X5/DD/M3	466	105	3.59	£330.00
A/3MTA/B	193	N/A	0.07	£15.65	AADLED/500/WW	234	75	N/A	£10.60	ABLED2X5/DD/MWS	466	105	3.04	£301.00
A/3MTA/W	193	N/A	0.07	£15.65	AADLED/5000/CW	235	80	N/A	£56.00	ABLED2X5/DD/MWS/M3	466	105	3.62	£386.00
A/3MTBC/B	192	N/A	0.06	£8.45	AADLED/5000/RGB	235	N/A	N/A	£59.50	ABLED2X5/M3	466	105	3.59	£240.00
A/3MTBC/W	192	N/A	0.06	£8.45	AADLED/5000/WW	235	75	N/A	£56.00	ABLED2X5/MWS	466	105	3.04	£211.00
A/3MTDE/B	192	N/A	0.01	£2.40	AAE27045/BL	370	N/A	2.2	£131.00	ABLED2X5/MWS/M3	466	105	3.62	£296.00
A/3MTDE/W	192	N/A	0.01	£2.40	AAE27075/BL	370	N/A	3.04	£154.00	ABLED2X5/OCTO	466	105	3	£340.00
A/3MTFC/B	193	N/A	0.08	£26.45	AAE27100/BL	370	N/A	3.69	£184.00	ABLED2X5/OCTO/M3	466	105	3.59	£425.00
A/3MTFC/W	193	N/A	0.08	£26.45	AALED1/BV/CCT	316	87-94	0.56	£76.00	ABLED5	466	109	2.8	£123.00
A/3MTLC/PI/B	193	N/A	0.15	£20.45	AALED1/BV/CCT/CF	316	87-94	0.59	£99.00	ABLED5/DD	466	109	2.8	£213.00
A/3MTLC/PI/W	193	N/A	0.15	£20.45	AALED1/BV/CCT/PC	316	87-94	0.59	£109.00	ABLED5/DD/M3	466	109	3.39	£298.00
A/3MTLC/PO/B	193	N/A	0.15	£20.45	AALED1/WV/CCT	316	87-94	0.56	£76.00	ABLED5/DD/MWS	466	109	2.84	£269.00
A/3MTLC/PO/W	193	N/A	0.15	£20.45	AALED1/WV/CCT/CF	316	87-94	0.59	£99.00	ABLED5/DD/MWS/M3	466	109	3.79	£354.00
A/3MTLE/PL/B	192	N/A	0.05	£10.25	AALED1/WV/CCT/PC	316	87-94	0.59	£109.00	ABLED5/M3	466	109	3.39	£208.00
A/3MTLE/PL/W	192	N/A	0.05	£10.25	AALED2/BV/CCT	316	84-91	0.96	£107.00	ABLED5/MWS	466	109	2.84	£179.00
A/3MTLE/PR/B	192	N/A	0.05	£10.25	AALED2/BV/CCT/CF	316	84-91	0.96	£130.00	ABLED5/MWS/M3	466	109	3.79	£264.00
A/3MTLE/PR/W	192	N/A	0.05	£10.25	AALED2/BV/CCT/CF/M3	316	84-91	1.76	£180.00	ABLED5/OCTO	466	109	2.8	£308.00
A/3MTSC/B	192	N/A	0.09	£22.25	AALED2/BV/CCT/CF/SM3	316	84-91	0.96	£208.00	ABLED5/OCTO/M3	466	109	3.39	£393.00
A/3MTSC/W	192	N/A	0.09	£22.25	AALED2/BV/CCT/DD	316	84-91	0.96	£197.00	ABLFLED/SS	338	23	1.28	£216.00
A/3MTSK	193	N/A	0.05	£18.05	AALED2/BV/CCT/DD/M3	316	84-91	1.29	£247.00	ABOLED/100/CW	230	102	N/A	£4.50
A/3MTTC/PI/B	193	N/A	0.25	£31.90	AALED2/BV/CCT/DD/MWS	316	84-91	1.21	£242.00	ABOLED/100/RGB	230	N/A	N/A	£5.05
A/3MTTC/PI/W	193	N/A	0.25	£31.90	AALED2/BV/CCT/DD/MWS/M3	316	84-91	1.56	£292.00	ABOLED/100/RGBW	230	N/A	N/A	£5.80
A/3MTTC/PO/B	193	N/A	0.25	£31.90	AALED2/BV/CCT/M3	316	84-91	1.29	£157.00	ABOLED/100/TW	230	N/A	N/A	£5.05
A/3MTTC/PO/W	193	N/A	0.25	£31.90	AALED2/BV/CCT/M3/PC	316	84-91	1.32	£190.00	ABOLED/100/WW	230	95	N/A	£4.50
A/3MTXC/B	192	N/A	0.3	£39.70	AALED2/BV/CCT/MWS	316	84-91	0.99	£152.00	ABOLED/1000/CW	231	102	N/A	£26.80
A/3MTXC/W	192	N/A	0.3	£39.70	AALED2/BV/CCT/MWS/M3	316	84-91	1.34	£202.00	ABOLED/1000/RGB	231	N/A	N/A	£29.35
A/3ULEDS0/CW/B	195	69	0.37	£67.00	AALED2/BV/CCT/PC	316	84-91	0.99	£140.00	ABOLED/1000/RGBW	231	N/A	N/A	£34.75
A/3ULEDS0/CW/B/OCTO	195	69	0.37	£212.00	AALED2/WV/CCT	316	84-91	0.96	£107.00	ABOLED/1000/TW	231	N/A	N/A	£29.35
A/3ULEDS0/CW/W	195	69	0.37	£67.00	AALED2/WV/CCT/CF	316	84-91	0.96	£130.00	ABOLED/1000/WW	231	95	N/A	£26.80
A/3ULEDS0/CW/W/OCTO	195	69	0.37	£212.00	AALED2/WV/CCT/CF/M3	316	84-91	1.76	£180.00	ABOLED/2000/CW	231	102	N/A	£45.80
A/3ULEDS0/WW/B	195	63	0.37	£67.00	AALED2/WV/CCT/CF/SM3	316	84-91	1.76	£208.00	ABOLED/2000/RGB	231	N/A	N/A	£50.50
A/3ULEDS0/WW/W	195	63	0.37	£67.00	AALED2/WV/CCT/DD	316	84-91	0.96	£197.00	ABOLED/2000/RGBW	231	N/A	N/A	£59.00
A/3ULEDS1/B	196	80	0.6	£129.00	AALED2/WV/CCT/DD/M3	316	84-91	1.76	£247.00	ABOLED/2000/TW	231	N/A	N/A	£50.50
A/3ULEDS1/B/OCTO	196	80	0.6	£274.00	AALED2/WV/CCT/DD/MWS	316	84-91	0.96	£242.00	ABOLED/2000/WW	231	95	N/A	£45.80
A/3ULEDS1/W	196	80	0.6	£129.00	AALED2/WV/CCT/DD/MWS/M3	316	84-91	1.29	£292.00	ABOLED/300/CW	230	102	N/A	£9.35
A/3ULEDS1/W/OCTO	196	80	0.6	£274.00	AALED2/WV/CCT/M3	316	84-91	1.29	£157.00	ABOLED/300/RGB	230	N/A	N/A	£10.40
A/3ULEDS1/WW/B	196	74	0.6	£129.00	AALED2/WV/CCT/M3/PC	316	84-91	1.76	£190.00	ABOLED/300/RGBW	230	N/A	N/A	£12.25
A/3ULEDS1/WW/W	196	74	0.6	£129.00	AALED2/WV/CCT/MWS	316	84-91	0.96	£152.00	ABOLED/300/TW	230	N/A	N/A	£10.40
A/3ULEDS2/B	199	93	0.8	£183.00	AALED2/WV/CCT/MWS/M3	316	84-91	1.76	£202.00	ABOLED/300/WW	230	95	N/A	£9.35
A/3ULEDS2/B/OCTO	199	93	0.8	£328.00	AALED2/WV/CCT/PC	316	84-91	0.96	£140.00	ABOLED/500/CW	230	102	N/A	£14.10
A/3ULEDS2/W	199	93	0.8	£183.00	AALU/AP/CO	222	N/A	0.13	£42.55	ABOLED/500/RGB	230	N/A	N/A	£15.75
A/3ULEDS2/W/OCTO	199	93	0.8	£328.00	AALU/RP/CO	222	N/A	0.14	£42.55	ABOLED/500/RGBW	230	N/A	N/A	£18.25
A/3ULEDS2/WW/B	199	86	0.8	£183.00	AALU/SP/CO	222	N/A	0.14	£42.55	ABOLED/500/TW	230	N/A	N/A	£15.75
A/3ULEDS2/WW/W	199	86	0.8	£183.00	AAPEXLED/4	454	161	1.25	£160.00	ABOLED/500/WW	230	95	N/A	£14.10
A/3ULEDS3/B	200	88	1.22	£233.00	AAPEXLED/5	454	170	1.56	£185.00	ABOLED/5000/CW	231	102	N/A	£108.00
A/3ULEDS3/B/OCTO	200	88	1.4	£378.00	AAPEXLED/SK	454	N/A	N/A	£12.00	ABOLED/5000/RGB	231	N/A	N/A	£119.00
A/3ULEDS3/W	200	88	1.22	£233.00	AARLED/WL	268	58	0.72	£86.50	ABOLED/5000/RGBW	231	N/A	N/A	£146.00
A/3ULEDS3/W/OCTO	200	88	1.4	£357.00	AARLEDB/060	356	58	1.26	£117.00	ABOLED/5000/TW	231	N/A	N/A	£119.00
A/3ULEDS3/WW/B	200	78	1.22	£233.00	AARLEDB/100	356	58	1.8	£139.00	ABOLED/5000/WW	231	95	N/A	£108.00
A/3ULEDS3/WW/W	200	78	1.22	£233.00	AAZLED100	407	148	2.8	£321.00	ABOLED/AMP/RGBW	227	N/A	N/A	£31.55
A/3ULEDS4/B	201	93	1.4	£265.00	AAZLED100/ASY	404	143	2.8	£321.00	ABOLED/AMP/TW	227	N/A	N/A	£31.55
A/3ULEDS4/B/OCTO	201	93	1.4	£410.00	AAZLED100/ASY/PC	404	143	2.8	£354.00	ABOLED/LC/RGBW	227	N/A	N/A	£2.60
A/3ULEDS4/W	201	93	1.4	£265.00	AAZLED100/PC	406	148	2.8	£354.00	ABOLED/ML/RGBW	227	N/A	N/A	£5.55
A/3ULEDS4/W/OCTO	201	93	1.4	£410.00	AAZLED150	406	145	3.9	£376.00	ABOLED/ML/TW	227	N/A	N/A	£5.55
A/3ULEDS4/WW/B	201	88	1.4	£265.00	AAZLED150/ASY	404	141	3.9	£376.00	ABOLED/RC/RGBW	227	N/A	N/A	£51.00
A/3ULEDS4/WW/W	201	88	1.4	£265.00	AAZLED150/ASY/PC	404	141	3.9	£409.00	ABOLED/RC/TW	227	N/A	N/A	£48.50
A1000TLL/T5	244	N/A	N/A	£3.50	AAZLED150/PC	406	145	3.9	£409.00	ABRLED/WL/CW	290	57	0.9	£126.00
A100GC	328	N/A	1.5	£25.00	AAZLED200	407	143	5.3	£428.00	ABRLED/WL/WW	290	56	0.9	£126.00
A100GC/PC	328	N/A	1.5	£53.30	AAZLED200/ASY	405	143	5.3	£428.00	ABRLEDB/650/CW	360	57	2.18	£205.00
A100PC	328	N/A	0.6	£15.15	AAZLED200/ASY/PC	405	141	5.3	£461.00	ABRLEDB/650/WW	360	56	2.18	£205.00
A100PC/PC	328	N/A	0.6	£48.15	AAZLED200/PC	407	143	5.3	£461.00	ABROLED	496	105	3.3	£147.00
A100POLY	329	N/A	0.6	£15.65	AAZLED300	407	147	8.1	£695.00	ABROLED/OCTO	496	105	3.3	£332.00
A100POLY/PC	329	N/A	0.6	£48.65	AAZLED300/ASY	405	142	8.1	£695.00	ACAL/E27	341	N/A	2.08	£92.00
A250TLL/T5	244	N/A	N/A	£3.05	AAZLED300/ASY/PC	405	142	8.1	£728.00	ACALED10	420	94	0.29	£29.95
A500TLL/T5	244	N/A	N/A	£3.40	AAZLED300/PC	407	147	8.1	£728.00	ACALED10/PIR	420	94	0.34	£44.95
AADLED/100/CW	234	80	N/A	£3.15	AAZLED50	406	140	1.8	£171.00	ACALED10/WW	420	89	0.29	£29.95
AADLED/100/RGB	234	N/A	N/A	£3.25	AAZLED50/ASY	404	136	1.8	£171.00	ACALED10/WW/PIR	420	89	0.34	£44.95
AADLED/100/WW	234	75	N/A	£3.15	AAZLED50/ASY/PC	404	136	1.8	£204.00	ACALED20	420	96	0.64	£51.50
AADLED/1000/CW	235	80	N/A	£18.20	AAZLED50/PC	406	140	1.8	£204.00	ACALED20/PIR	420	96	0.79	£66.50
AADLED/1000/RGB	235	N/A	N/A	£20.05	ABD/CH	159	N/A	0.26	£12.85	ACALED20/WW	420	90	0.64	£51.50
AADLED/1000/WW	235	75	N/A	£18.20	ABD/SC	159	N/A	0.26	£12.45	ACALED20/WW/PIR	420	90	0.79	£66.50
AADLED/2000/CW	235	80	N/A	£28.95	ABD/W	159	N/A	0.26	£12.10	ACALED30	421	97	0.68	£61.50
AADLED/2000/RGB	235	N/A	N/A	£31.30	ABEAMLED	300	81	1.3	£245.00	ACALED30/PIR	421	97	0.83	£76.50

Product Code	Page	Lm/W	Kg	Trade	Product Code	Page	Lm/W	Kg	Trade	Product Code	Page	Lm/W	Kg	Trade
ACALED30/WW	421	97	0.68	£61.50	ACOLED3/CCT/M3	124	84-93	1.16	£256.00	ADELED	516	95	8.81	£233.00
ACALED30/WW/PIR	421	97	0.83	£76.50	ACOLED3/CCT/OCTO	124	84-93	0.57	£256.00	ADELED/DD	516	95	8.81	£323.00
ACALED50	421	99	1.06	£95.00	ACOLED3/CCT/OCTO/DM3	124	84-93	1.16	£511.00	ADELED/DD/M3	516	95	11.81	£408.00
ACALED50/PIR	421	99	1.2	£110.00	ACOLED3/CCT/OCTO/M3	124	84-93	1.16	£401.00	ADELED/M3	516	95	11.81	£318.00
ACALED50/WW	421	94	1.06	£95.00	ACOLED3/CCT/OCTO/SM3	124	84-93	1.16	£429.00	ADELED/SM3	516	95	11.81	£346.00
ACALED50/WW/PIR	421	94	1.2	£110.00	ACOLED3/CCT/SM3	124	84-93	1.16	£284.00	ADGU10S/B	171	N/A	0.11	£30.15
ACELED/3M/ST	541	N/A	0.9	£73.00	ACOLED3/TW/OCTO	120	73-107	0.57	£296.00	ADGU10S/W	171	N/A	0.11	£30.15
ACFLP/3	137	N/A	0.8	£120.00	ACOLED3/TW/OCTO/DM3	120	73-107	1.16	£551.00	ADHBLED/PC/BC	210	N/A	0.27	£27.25
ACLED/100/CW	236	76	N/A	£4.80	ACOLED3/TW/OCTO/M3	120	73-107	1.16	£441.00	ADHBLED/SK	210	N/A	0.2	£12.35
ACLED/100/RGB	236	N/A	N/A	£5.40	ACOLED3/TW/OCTO/SM3	120	73-107	1.16	£469.00	ADHBLED1/ALU	210	114	2.76	£192.00
ACLED/100/WW	236	73	N/A	£4.80	ACOLED4/TW/OCTO	120	66-100	0.57	£296.00	ADHBLED1/ALU/DD	210	114	2.76	£282.00
ACLED/1000/CW	237	76	N/A	£28.65	ACOLED4/TW/OCTO/DM3	120	66-100	1.16	£551.00	ADHBLED1/ALU/OCTO	210	114	2.8	£377.00
ACLED/1000/RGB	237	N/A	N/A	£31.35	ACOLED4/TW/OCTO/M3	120	66-100	1.16	£441.00	ADHBLED1/PC	210	116	3.01	£192.00
ACLED/1000/WW	237	73	N/A	£28.65	ACOLED4/TW/OCTO/SM3	120	66-100	1.16	£469.00	ADHBLED1/PC/DD	210	116	3.01	£282.00
ACLED/2000/CW	237	76	N/A	£49.05	ACOLEDWW/CW	125	70	0.45	£102.00	ADHBLED1/PC/OCTO	210	116	3	£377.00
ACLED/2000/RGB	237	N/A	N/A	£54.00	ACOLEDWW/CW/DD	125	70	0.45	£192.00	ADHBLED2/ALU	210	109	2.88	£298.00
ACLED/2000/WW	237	73	N/A	£49.05	ACOLEDWW/CW/DD	125	70	0.45	£192.00	ADHBLED2/ALU/DD	210	109	2.88	£388.00
ACLED/300/CW	236	76	N/A	£10.10	ACOLEDWW/CW/OCTO	125	70	0.45	£247.00	ADHBLED2/ALU/OCTO	210	109	2.88	£483.00
ACLED/300/RGB	236	N/A	N/A	£11.10	ACOLEDWW/WW	125	66	0.45	£102.00	ADHBLED2/PC	210	108	3.13	£298.00
ACLED/300/WW	236	73	N/A	£10.10	ACOLEDWW/WW/DD	125	66	0.45	£192.00	ADHBLED2/PC/DD	210	108	3.13	£388.00
ACLED/500/CW	236	76	N/A	£15.10	ACOLEDWW/WW/DD	125	66	0.45	£192.00	ADHBLED2/PC/OCTO	210	108	3.13	£483.00
ACLED/500/RGB	236	N/A	N/A	£16.90	ACOLEDWW/WW/OCTO	125	66	0.45	£247.00	ADILED1	314	67	0.69	£83.00
ACLED/500/WW	236	73	N/A	£15.10	ACOLOED1000	401	133	29.5	£2,920.00	ADILED2	314	61	1.13	£113.00
ACLED/5000/CW	237	76	N/A	£115.00	ACOLOED500	401	133	15.6	£1,514.00	ADILED2/M3	314	61	1.56	£163.00
ACLED/5000/RGB	237	N/A	N/A	£129.00	ACOMAPLED1	202	24	0.64	£525.00	ADILED2/MWS	314	61	1.23	£158.00
ACLED/5000/WW	237	73	N/A	£115.00	ACOMAPLED2	202	25	0.64	£578.00	ADILED2/MWS/M3	314	61	1.5	£208.00
ACLED/90/FB	233	N/A	N/A	£4.50	ACONLED/30/RGB	242	N/A	3.91	£594.00	ADILED2/MWS/M3/CF	314	61	1.5	£231.00
ACLED/90B	227	N/A	N/A	£2.65	ACONLED/30/RGB/PS	242	N/A	0.5	£75.50	ADILED2/MWS/SM3	314	61	1.13	£236.00
ACLED/AMP/TOUCH	233	N/A	0.22	£38.85	ACONLED/50/CW	242	N/A	8.23	£989.00	ADILED2/OCTO	314	61	1.13	£258.00
ACLED/ML	233	N/A	N/A	£5.90	ACONLED/50/PS	242	N/A	0.13	£8.35	ADILED2/OCTO/M3	314	61	1.56	£308.00
ACLED/ML/RGB	233	N/A	N/A	£5.90	ACONLED/50/WW	242	N/A	8.23	£989.00	ADILED2/SM3	314	61	1.56	£191.00
ACLED/RC/TOUCH	233	N/A	0.46	£39.30	ACONLED/CL/CW	242	N/A	N/A	£29.70	ADK120W/24V	218	N/A	0.4	£35.25
ACLED/TC	233	N/A	N/A	£2.30	ACONLED/CL/RGB	242	N/A	N/A	£29.70	ADK12W/700	219	N/A	0.06	£13.10
ACLED/XC	233	N/A	N/A	£2.85	ACONLED/CL/RGB/PS	242	N/A	N/A	£87.50	ADK15W/24V	218	N/A	0.06	£11.75
ACLED100/LL	233	N/A	N/A	£2.70	ACONLED/CL/WW	242	N/A	N/A	£29.70	ADK200W/24V	218	N/A	1	£82.50
ACLED1000/LL	233	N/A	N/A	£5.70	ACONLED/CLIPS	242	N/A	0.06	£1.05	ADK20W/350	219	N/A	0.07	£14.45
ACLED500/LL	233	N/A	N/A	£2.85	ACONLED/END	242	N/A	0.02	£0.40	ADK20W/700	219	N/A	0.07	£14.45
ACLLED/GR	260	45	0.26	£76.50	ACONLED/FBEND	242	N/A	0.05	£4.05	ADK320W/24V	218	N/A	1.8	£220.00
ACLLED/W	260	45	0.26	£76.50	ACONLED/RGB/CLIPS	242	N/A	0.05	£1.05	ADK60W/24V	218	N/A	0.31	£27.30
ACLPWLED/GR	262	31	0.26	£76.50	ACONLED/RGB/END	242	N/A	0.02	£0.40	ADLC/0	163	N/A	N/A	£16.15
ACLPWLED/W	262	31	0.26	£76.50	ACONLED/RGB/FBEND	242	N/A	0.06	£4.05	ADLC/1	163	N/A	N/A	£14.90
ACOGU10S/B	170	N/A	0.23	£31.90	ACONLED/SILG	242	N/A	0.06	£3.30	ADLC/2	163	N/A	N/A	£16.30
ACOGU10S/W	170	N/A	0.23	£31.90	ACP/SC	162	N/A	0.2	£16.60	ADLC/4	163	N/A	N/A	£22.70
ACOLED0/CCT	123	98-109	0.42	£84.50	ACP/W	162	N/A	0.2	£12.05	ADLC/6	163	N/A	N/A	£24.55
ACOLED1/CCT	123	101-112	0.42	£84.50	ACRESLED2X4	489	107	4.8	£178.00	ADLC/7	163	N/A	N/A	£33.55
ACOLED1/CCT/DD	123	101-112	0.4	£174.50	ACRESLED2X4/DD	489	107	4.8	£268.00	ADLC/8	163	N/A	N/A	£30.65
ACOLED1/CCT/DD/DM3	123	101-112	0.44	£429.50	ACRESLED2X4/DD/M3	489	107	7.78	£353.00	ADLC/9	163	N/A	N/A	£40.30
ACOLED1/CCT/DD/M3	123	101-112	0.44	£319.50	ACRESLED2X4/M3	489	107	7.78	£263.00	ADLED1/BV/CCT	317	105-112	0.5	£73.00
ACOLED1/CCT/DD/SM3	123	101-112	0.44	£347.50	ACRESLED2X5	489	103	4.53	£220.00	ADLED1/BV/CCT/CF	317	105-112	0.6	£96.00
ACOLED1/CCT/DM3	123	101-112	0.44	£339.50	ACRESLED2X5/DD	489	103	6	£310.00	ADLED1/BV/CCT/PC	317	105-112	0.6	£106.00
ACOLED1/CCT/M3	123	101-112	0.44	£229.50	ACRESLED2X5/DD/DM3	489	103	6.41	£505.00	ADLED1/WV/CCT	317	105-112	0.5	£73.00
ACOLED1/CCT/OCTO	123	101-112	0.4	£229.50	ACRESLED2X5/DD/M3	489	103	6.41	£395.00	ADLED1/WV/CCT/CF	317	105-112	0.6	£96.00
ACOLED1/CCT/OCTO/DM3	123	101-112	0.44	£484.50	ACRESLED2X5/DD/SM3	489	103	6.41	£423.00	ADLED1/WV/CCT/PC	317	105-112	0.6	£106.00
ACOLED1/CCT/OCTO/M3	123	101-112	0.44	£374.50	ACRESLED2X5/DM3	489	103	6.41	£415.00	ADLED2/BV/CCT	317	85-91	0.91	£99.50
ACOLED1/CCT/OCTO/SM3	123	101-112	0.44	£402.50	ACRESLED2X5/M3	489	103	6.41	£305.00	ADLED2/BV/CCT/CF	317	85-91	0.5	£122.50
ACOLED1/CCT/SM3	123	101-112	0.44	£257.50	ACRESLED2X5/SM3	489	103	6.41	£333.00	ADLED2/BV/CCT/CF/M3	317	85-91	1.3	£172.50
ACOLED2/CCT	123	92-102	0.42	£97.50	ACSQLEDWL	330	22	0.62	£105.00	ADLED2/BV/CCT/CF/SM3	317	85-91	0.91	£200.50
ACOLED2/CCT/DD	123	92-102	0.57	£187.50	ACTSLED/B/3NM	557	N/A	1.3	£136.00	ADLED2/BV/CCT/DD	317	85-91	0.91	£189.50
ACOLED2/CCT/DD/DM3	123	92-102	1.16	£442.50	ACTSLED/W/3NM	557	N/A	1.3	£136.00	ADLED2/BV/CCT/DD/M3	317	85-91	1.2	£239.50
ACOLED2/CCT/DD/M3	123	92-102	1.16	£332.50	ACYCLED2/CW	461	133	0.205	£20.00	ADLED2/BV/CCT/DD/MWS	317	85-91	1.02	£234.50
ACOLED2/CCT/DD/SM3	123	92-102	1.16	£360.50	ACYCLED2/WW	461	128	0.205	£20.00	ADLED2/BV/CCT/DD/MWS/M3	317	85-91	1.31	£284.50
ACOLED2/CCT/DM3	123	92-102	1.16	£352.50	ACYCLED4/CW	461	122	0.322	£33.00	ADLED2/BV/CCT/M3	317	85-91	1.2	£149.50
ACOLED2/CCT/M3	123	92-102	1.16	£242.50	ACYCLED4/WW	461	118	0.322	£33.00	ADLED2/BV/CCT/M3/PC	317	85-91	1.31	£182.50
ACOLED2/CCT/OCTO	123	92-102	0.57	£242.50	ACYCLED5/CW	461	138	0.392	£37.50	ADLED2/BV/CCT/MWS	317	85-91	0.91	£144.50
ACOLED2/CCT/OCTO/DM3	123	92-102	1.16	£497.50	ACYCLED5/WW	461	134	0.392	£37.50	ADLED2/BV/CCT/MWS/M3	317	85-91	1.31	£194.50
ACOLED2/CCT/OCTO/M3	123	92-102	1.16	£387.50	AD30W/12V	218	N/A	N/A	£17.45	ADLED2/BV/CCT/PC	317	85-91	0.91	£132.50
ACOLED2/CCT/OCTO/SM3	123	92-102	1.16	£415.50	AD3W/350	219	N/A	N/A	£16.80	ADLED2/BZ/EYE/B	317	85-91	0.2	£11.75
ACOLED2/CCT/SM3	123	92-102	1.16	£270.50	AD3W/700	219	N/A	N/A	£18.00	ADLED2/BZ/EYE/W	317	85-91	0.2	£11.75
ACOLED2/TW/OCTO	120	81-117	0.57	£282.50	AD75W/12V	219	N/A	N/A	£36.25	ADLED2/BZ/GRILL/B	317	85-91	0.19	£11.75
ACOLED2/TW/OCTO/DM3	120	81-117	1.16	£537.50	AD9W/350	218	N/A	N/A	£19.95	ADLED2/BZ/GRILL/W	317	85-91	0.19	£11.75
ACOLED2/TW/OCTO/M3	120	81-117	1.16	£427.50	ADDIM/30/MC	221	N/A	0.21	£44.00	ADLED2/WV/CCT	317	85-91	0.91	£99.50
ACOLED2/TW/OCTO/SM3	120	81-117	1.16	£455.50	ADDIM/50/MC	221	N/A	0.36	£52.50	ADLED2/WV/CCT/CF	317	85-91	0.5	£122.50
ACOLED3/CCT	124	84-93	0.42	£111.00	ADDIM100W/12V	220	N/A	0.36	£100.00	ADLED2/WV/CCT/CF/M3	317	85-91	1.3	£172.50
ACOLED3/CCT/DD	124	84-93	0.57	£201.00	ADDIM100W/24V	220	N/A	0.38	£105.00	ADLED2/WV/CCT/CF/SM3	317	85-91	1.3	£200.50
ACOLED3/CCT/DD/DM3	124	84-93	1.16	£456.00	ADDIM200W/24V	220	N/A	0.2	£182.00	ADLED2/WV/CCT/DD	317	85-91	0.5	£189.50
ACOLED3/CCT/DD/M3	124	84-93	1.16	£346.00	ADDIM50W/12V	220	N/A	0.2	£43.95	ADLED2/WV/CCT/DD/M3	317	85-91	1.3	£239.50
ACOLED3/CCT/DD/SM3	124	84-93	1.16	£374.00	ADDIM50W/24V	220	N/A	N/A	£45.00	ADLED2/WV/CCT/DD/MWS	317	85-91	0.5	£234.50
ACOLED3/CCT/DM3	124	84-93	1.16	£366.00	ADDIM75W/12V	220	N/A	N/A	£93.00	ADLED2/WV/CCT/DD/MWS/M3	317	85-91	1.31	£284.50

Product Code	Page	Lm/W	Kg	Trade
ADLED2/WV/CCT/M3	317	85-91	1.31	£149.50
ADLED2/WV/CCT/M3/PC	317	85-91	1.3	£182.50
ADLED2/WV/CCT/MWS	317	85-91	0.5	£144.50
ADLED2/WV/CCT/MWS/M3	317	85-91	1.3	£194.50
ADLED2/WV/CCT/PC	317	85-91	0.5	£132.50
ADM50GU10	279	N/A	1.16	£67.00
ADM50GU10/SG	279	N/A	1.16	£67.00
ADMLED1/GR/CW	293	92	1.55	£106.00
ADMLED2/GR/CW	293	85	1.56	£133.00
ADOCLED/WL	270	76	1.2	£93.00
ADOLEDWL	295	50	2.5	£343.00
ADOLEDWL/HP	296	109	3.71	£398.00
ADSIHLED1	313	86	0.22	£87.00
ADSIHLED1/OCTO	313	86	0.22	£232.00
ADSIHLED1/WW	313	87	0.22	£87.00
ADSIHLED1/WW/OCTO	313	87	0.22	£232.00
ADSIHLED2	313	92	0.29	£115.00
ADSIHLED2/M3	313	92	1.28	£165.00
ADSIHLED2/MWS	313	92	1.13	£160.00
ADSIHLED2/MWS/M3	313	92	1.43	£210.00
ADSIHLED2/MWS/M3/CF	313	92	1.43	£233.00
ADSIHLED2/OCTO	313	92	0.29	£260.00
ADSIHLED2/OCTO/M3	313	92	1.28	£310.00
ADSIHLED2/WW	313	82	0.22	£115.00
ADSIHLED2/WW/M3	313	82	1.28	£165.00
ADSIHLED2/WW/MWS	313	82	1.28	£160.00
ADSIHLED2/WW/MWS/M3	313	82	1.13	£210.00
ADSIHLED2/WW/MWS/M3/CF	313	82	1.43	£233.00
ADSIHLED2/WW/OCTO	313	82	0.22	£260.00
ADSIHLED2/WW/OCTO/M3	313	82	1.28	£310.00
ADSILED/1BZ/CH	312	N/A	0.14	£9.90
ADSILED/1BZ/GR	312	N/A	0.14	£9.90
ADSILED/2BZ/CH	312	N/A	0.19	£10.65
ADSILED/2BZ/GR	312	N/A	0.19	£10.65
ADSILED1	312	82-92	0.22	£70.50
ADSILED1/CF	312	82-92	0.59	£93.50
ADSILED1/CF/M3	312	82-92	1.43	£143.50
ADSILED2	312	79-83	0.29	£95.50
ADSILED2/CF	312	79-83	0.84	£118.50
ADSILED2/CF/M3	312	79-83	1.11	£168.50
ADSILED2/CF/SM3	312	79-83	1.13	£196.50
ADSILED2/M3	312	79-83	1.28	£145.50
ADSILED2/MWS	312	79-83	1.13	£140.50
ADSILED2/MWS/M3	312	79-83	1.43	£190.50
ADSILED2/MWS/M3/CF	312	79-83	1.43	£213.50
ADSILED2/MWS/SM3	312	79-83	0.87	£218.50
ADSILED2/OCTO	312	79-83	0.87	£240.50
ADSILED2/OCTO/M3	312	79-83	1.1	£290.50
ADSILED2/SM3	312	79-83	0.71	£173.50
ADU50	278	N/A	0.71	£79.50
ADULED/W	213	58	0.49	£75.50
ADULEDB/080	362	90	3.7	£176.00
ADVRL	251	N/A	1.12	£29.80
ADVSS	251	N/A	0.6	£18.15
AE3LED/3M/SI	548	N/A	1.36	£88.00
AE3LED/3M/W	548	N/A	1.36	£88.00
AE3LED/3M/W/ST	548	N/A	1.36	£105.00
AE3LED/ALAR	548	N/A	N/A	£20.70
AE3LED/L/AD	548	N/A	N/A	£20.70
AE3LED/L/AU	548	N/A	N/A	£20.70
AEAVLED300/WB/CW	484	95	0.39	£44.50
AEAVLED300/WB/WW	484	94	0.39	£44.50
AEAVLED600/WB/CW	484	95	0.65	£73.00
AEAVLED600/WB/CW/DD	484	95	0.566	£163.00
AEAVLED600/WB/CW/OCTO	484	95	0.566	£218.00
AEAVLED600/WB/WW	484	93	0.65	£73.00
AEAVLED600/WB/WW/DD	484	93	0.566	£163.00
AEAVLED600/WB/WW/OCTO	484	93	0.566	£218.00
AECLED/CH/CCT	302	104-114	1.59	£167.00
AECLED/CH/CCT/CF	302	104-114	4.09	£202.00
AECLED/CH/CCT/CF/DM3	302	104-114	4.09	£397.00
AECLED/CH/CCT/CF/M3	302	104-114	4.09	£287.00
AECLED/CH/CCT/CF/SM3	302	104-114	1.59	£315.00
AECLED/CH/CCT/DD	302	104-114	1.59	£257.00
AECLED/CH/CCT/DD/DM3	302	104-114	4.09	£452.00
AECLED/CH/CCT/DD/M3	302	104-114	4.09	£342.00
AECLED/CH/CCT/DD/MWS/DM3	302	104-114	4.09	£508.00
AECLED/CH/CCT/DM3	302	104-114	4.09	£362.00
AECLED/CH/CCT/M3	302	104-114	4.09	£252.00
AECLED/CH/CCT/MWS	302	104-114	1.69	£223.00
AECLED/CH/CCT/MWS/DM3	302	104-114	4.09	£418.00
AECLED/CH/CCT/MWS/M3	302	104-114	1.69	£308.00
AECLED/CH/CCT/OCTO	302	104-114	1.59	£312.00
AECLED/CH/CCT/OCTO/DM3	302	104-114	4.09	£507.00
AECLED/CH/CCT/OCTO/M3	302	104-114	4.09	£397.00
AECLED/SC/CCT	302	104-114	1.59	£167.00
AECLED/SC/CCT/CF	302	104-114	4.09	£202.00
AECLED/SC/CCT/CF/DM3	302	104-114	4.09	£397.00
AECLED/SC/CCT/CF/M3	302	104-114	4.09	£287.00
AECLED/SC/CCT/CF/SM3	302	104-114	1.59	£315.00
AECLED/SC/CCT/DD	302	104-114	1.59	£257.00
AECLED/SC/CCT/DD/DM3	302	104-114	4.09	£452.00
AECLED/SC/CCT/DD/M3	302	104-114	4.09	£342.00
AECLED/SC/CCT/DD/MWS/DM3	302	104-114	4.09	£508.00
AECLED/SC/CCT/DM3	302	104-114	4.09	£362.00
AECLED/SC/CCT/M3	302	104-114	4.09	£252.00
AECLED/SC/CCT/MWS	302	104-114	1.69	£223.00
AECLED/SC/CCT/MWS/DM3	302	104-114	4.09	£418.00
AECLED/SC/CCT/MWS/M3	302	104-114	4.09	£308.00
AECLED/SC/CCT/OCTO	302	104-114	1.59	£312.00
AECLED/SC/CCT/OCTO/DM3	302	104-114	4.09	£507.00
AECLED/SC/CCT/OCTO/M3	302	104-114	4.09	£397.00
AECLED/W/CCT	302	104-114	1.59	£151.00
AECLED/W/CCT/CF	302	104-114	4.09	£186.00
AECLED/W/CCT/CF/DM3	302	104-114	4.09	£381.00
AECLED/W/CCT/CF/M3	302	104-114	4.09	£271.00
AECLED/W/CCT/CF/SM3	302	104-114	1.59	£299.00
AECLED/W/CCT/DD	302	104-114	1.59	£241.00
AECLED/W/CCT/DD/DM3	302	104-114	4.09	£436.00
AECLED/W/CCT/DD/M3	302	104-114	4.09	£326.00
AECLED/W/CCT/DD/MWS/DM3	302	104-114	4.09	£492.00
AECLED/W/CCT/DM3	302	104-114	4.09	£346.00
AECLED/W/CCT/M3	302	104-114	4.09	£236.00
AECLED/W/CCT/MWS	302	104-114	1.69	£207.00
AECLED/W/CCT/MWS/DM3	302	104-114	4.09	£402.00
AECLED/W/CCT/MWS/M3	302	104-114	4.09	£292.00
AECLED/W/CCT/OCTO	302	104-114	1.59	£296.00
AECLED/W/CCT/OCTO/DM3	302	104-114	4.09	£491.00
AECLED/W/CCT/OCTO/M3	302	104-114	4.09	£381.00
AEDELED10/CW	422	95	0.31	£28.85
AEDELED10/CW/PIR	422	95	0.36	£42.85
AEDELED10/WW	422	89	0.31	£28.85
AEDELED10/WW/PIR	422	89	0.36	£42.85
AEDELED20/CW	422	92	0.39	£49.45
AEDELED20/CW/PIR	422	92	0.45	£63.45
AEDELED20/WW	422	86	0.39	£49.45
AEDELED20/WW/PIR	422	86	0.45	£63.45
AEDELED30/CW	423	92	0.56	£71.00
AEDELED30/CW/PIR	423	92	0.63	£85.00
AEDELED30/WW	423	85	0.56	£71.00
AEDELED30/WW/PIR	423	85	0.63	£85.00
AEDELED50/CW	423	87	0.75	£95.00
AEDELED50/CW/PIR	423	87	0.78	£109.00
AEDELED50/WW	423	78	0.75	£95.00
AEDELED50/WW/PIR	423	78	0.78	£109.00
AEFRD/CH	149	N/A	0.18	£16.85
AEFRD/IP65/CH	151	N/A	0.19	£20.70
AEFRD/IP65/MW	151	N/A	0.19	£19.30
AEFRD/IP65/SC	151	N/A	0.19	£20.70
AEFRD/MW	149	N/A	0.18	£14.90
AEFRD/SC	149	N/A	0.18	£16.85
AEFRG/CH	150	N/A	0.19	£19.05
AEFRG/MW	150	N/A	0.19	£17.10
AEFRG/SC	150	N/A	0.19	£19.05
AEFRISD	149-151	N/A	0.02	£1.65
AEFRISG	149-151	N/A	0.02	£1.65
AELLED/WL/CW	212	77	1.27	£202.00
AELLED/WL/WW	212	64	1.27	£202.00
AENLED/3M/SG	545	N/A	0.7	£50.50
AENLED/3M/W	545	N/A	0.7	£50.50
AENLED/3M/W/ST	544	N/A	0.7	£75.00
AENLED/LI/3M/ST	544	N/A	0.59	£64.00
AENLED/LI/3M/ST/B	544	N/A	0.59	£64.00
AERMLED/120/SMF	500	N/A	1.2	£58.00
AERMLED/30/SMF	500	N/A	0.95	£53.00
AERMLED/60/SMF	500	N/A	0.9	£41.20
AERMLED/SK	501-502	N/A	0.12	£12.35
AERMLED2/120/CW	507	100	5.5	£274.00
AERMLED2/120/CW/DD	507	100	5.55	£364.00
AERMLED2/120/CW/OCTO	507	100	5.5	£459.00
AERMLED2/120/DL	507	97	5.5	£274.00
AERMLED2/120/DL/DD	507	97	5.55	£364.00
AERMLED2/120/DL/OCTO	507	97	5.5	£459.00
AERMLED2/120/WW	507	93	5.5	£274.00
AERMLED2/120/WW/DD	507	93	5.55	£364.00
AERMLED2/120/WW/OCTO	507	93	5.5	£459.00
AERMLED2/30/CW	508	112	5.5	£185.00
AERMLED2/30/CW/DD	508	112	5.55	£275.00
AERMLED2/30/CW/OCTO	508	112	5.5	£370.00
AERMLED2/30/DL	508	111	5.5	£185.00
AERMLED2/30/DL/DD	508	111	5.55	£275.00
AERMLED2/30/DL/OCTO	508	111	5.5	£370.00
AERMLED2/30/WW	508	110	5.5	£185.00
AERMLED2/30/WW/DD	508	110	5.55	£275.00
AERMLED2/30/WW/OCTO	508	110	5.5	£370.00
AERMLED2/60/CW	502	107	2.07	£150.00
AERMLED2/60/CW/DD	502	107	2.07	£240.00
AERMLED2/60/CW/OCTO	502	107	2.07	£335.00
AERMLED2/60/DL	502	105	2.07	£150.00
AERMLED2/60/DL/DD	502	105	2.07	£240.00
AERMLED2/60/DL/OCTO	502	105	2.07	£335.00
AERMLED2/60/WW	502	100	2.07	£150.00
AERMLED2/60/WW/DD	502	100	2.07	£240.00
AERMLED2/60/WW/OCTO	502	100	2.07	£335.00
AERMLED3/120/CW	504	98	4.85	£288.00
AERMLED3/120/CW/DD	504	98	5.5	£378.00
AERMLED3/120/CW/OCTO	504	98	5.5	£473.00
AERMLED3/120/DL	504	90	4.85	£288.00
AERMLED3/120/DL/DD	504	90	5.5	£378.00
AERMLED3/120/DL/OCTO	504	90	5.5	£473.00
AERMLED3/120/WW	504	92	4.85	£288.00
AERMLED3/120/WW/DD	504	92	5.5	£378.00
AERMLED3/120/WW/OCTO	504	92	5.5	£473.00
AERMLED3/60/CW	501	102	2.52	£165.00
AERMLED3/60/CW/DD	501	102	2.52	£255.00
AERMLED3/60/CW/OCTO	501	102	2.52	£350.00
AERMLED3/60/DL	501	101	2.52	£165.00
AERMLED3/60/DL/DD	501	101	2.52	£255.00
AERMLED3/60/DL/OCTO	501	101	2.52	£350.00
AERMLED3/60/WW	501	99	2.52	£165.00
AERMLED3/60/WW/DD	501	99	2.52	£255.00
AERMLED3/60/WW/OCTO	501	99	2.52	£350.00
AERMLED3/HO/60/CW	501	129	2.52	£216.00
AERMLED3/HO/60/CW/DD	501	129	2.52	£306.00
AERMLED3/HO/60/CW/OCTO	501	129	2.52	£401.00
AERMLED3/HO/60/DL	501	128	2.52	£216.00
AERMLED3/HO/60/DL/DD	501	128	2.52	£306.00
AERMLED3/HO/60/DL/OCTO	501	128	2.52	£401.00
AERMLED3/HO/60/WW	501	125	2.52	£216.00
AERMLED3/HO/60/WW/DD	501	125	2.52	£306.00
AERMLED3/HO/60/WW/OCTO	501	125	2.52	£401.00
AFAFC/OAK	215	N/A	0.14	£22.40
AFAFC/W	215	N/A	0.33	£25.95
AFAFC/WAL	215	N/A	0.14	£22.40
AFALED/3NM/ST/IP65	564	N/A	0.58	£59.00
AFALED/3NM/ST/IP65/B	564	N/A	0.58	£59.00
AFAMIWL/BASE	214	76	0.44	£97.50
AFBL/EYE	336	N/A	0.1	£20.60
AFBL/GRILL	336	N/A	0.16	£20.60
AFBLLED	336	66	0.84	£118.00
AFGS/GU10LED	383	N/A	0.38	£50.00
AFLLED2	450	99	4.82	£230.00
AFLLED2/DM3	450	99	5.42	£425.00
AFLLED2/M3	450	99	5.42	£315.00
AFLLED2/MWS	450	99	5.08	£308.00
AFLLED2/MWS/DM3	450	99	5.68	£503.00
AFLLED2/MWS/M3	450	99	5.68	£393.00
AFLLED2/MWS/SM3	450	99	5.68	£421.00
AFLLED2/OCTO	450	99	4.82	£415.00
AFLLED2/OCTO/DM3	450	99	5.62	£610.00
AFLLED2/OCTO/M3	450	99	5.62	£500.00
AFLLED2/OCTO/SM3	450	99	5.42	£528.00
AFLLED2/SM3	450	99	5.42	£343.00
AFLLED4	450	124	9	£398.00

Product Code	Page	Lm/W	Kg	Trade
AFLLED4/DD	450	124	9	£488.00
AFLLED4/DD/DM3	450	124	9.8	£683.00
AFLLED4/DD/M3	450	124	9.8	£573.00
AFLLED4/DD/SM3	450	124	9.8	£601.00
AFLLED4/DM3	450	124	9.8	£593.00
AFLLED4/M3	450	124	9.8	£483.00
AFLLED4/MWS	450	124	9	£476.00
AFLLED4/MWS/DM3	450	124	9.8	£671.00
AFLLED4/MWS/M3	450	124	9.8	£561.00
AFLLED4/MWS/SM3	450	124	9.8	£589.00
AFLLED4/OCTO	450	124	9	£583.00
AFLLED4/OCTO/DM3	450	124	9.8	£778.00
AFLLED4/OCTO/M3	450	124	9.8	£668.00
AFLLED4/OCTO/SM3	450	124	9.8	£696.00
AFLLED4/SM3	450	124	9.8	£511.00
AFRLED/M3/ST	128	N/A	0.95	£84.50
AFRLED125/CW	128	62	0.26	£32.35
AFRLED125/WW	128	59	0.26	£32.35
AFRLED170/CW	128	70	0.34	£39.00
AFRLED170/WW	128	61	0.34	£39.00
AFRLED230/CW	128	64	0.7	£47.80
AFRLED230/WW	128	61	0.7	£47.80
AFRWOLED/185	389	73	3.2	£235.00
AFRWOLED/185/CW	389	60	3.2	£235.00
AFRWOLED/220	390	54	4.5	£273.00
AFRWOLED/220/CW	390	50	4.5	£273.00
AFRWOLED/270	391	65	6.5	£356.00
AFRWOLED/270/CW	391	59	5.22	£356.00
AFULED/GR	258	74	0.59	£93.00
AFULED/W	258	74	0.59	£93.00
AFWLED/SC	216	46	0.43	£99.00
AFWLED/W	216	46	0.43	£88.00
AG8/L/AD	547	N/A	N/A	£9.70
AG8/L/AL	547	N/A	N/A	£9.70
AG8/L/AR	547	N/A	N/A	£9.70
AG8/L/AU	547	N/A	N/A	£9.70
AGALED/1/CCT	118	98-103	1	£116.00
AGALED/1/CCT/DD	118	98-103	1	£206.00
AGALED/1/CCT/DD/M3	118	98-103	4.12	£351.00
AGALED/1/CCT/M3	118	98-103	4.12	£261.00
AGALED/1/CCT/OCTO	118	98-103	1	£261.00
AGALED/1/CCT/OCTO/M3	118	98-103	4.12	£406.00
AGALED/2/CCT	118	112	1	£156.00
AGALED/2/CCT/DD	118	112	1	£246.00
AGALED/2/CCT/DD/M3	118	112	4.12	£391.00
AGALED/2/CCT/M3	118	112	4.12	£301.00
AGALED/2/CCT/OCTO	118	112	1	£301.00
AGALED/2/CCT/OCTO/M3	118	112	4.12	£446.00
AGALSQLED	264	30	0.72	£129.00
AGAMLED	310	93	1.28	£100.00
AGAMLED/CCT	311	96-106	1.31	£110.00
AGAMLED/CCT/M3	311	96-106	1.54	£156.00
AGAMLED/CCT/MWS	311	96-106	1.33	£150.00
AGAMLED/CCT/MWS/M3	311	96-106	1.56	£196.00
AGAMLED/M3	310	93	1.51	£146.00
AGAMLED/MWS	310	93	1.3	£140.00
AGAMLED/MWS/M3	310	93	1.53	£186.00
AGAMLED/OCTOW	41	77-86	1.09	£141.00
AGAMLEDBZ/CH	41	N/A	0.13	£9.20
AGAR/GU10	382	N/A	0.37	£61.50
AGARLED/RGBTW/OCTOW	39	65-77	4.82	£104.00
AGELED2X4	487	108	4.82	£184.00
AGELED2X4/DD	487	108	4.82	£274.00
AGELED2X4/DD/M3	487	108	7.8	£359.00
AGELED2X4/DD/SM3	487	108	7.8	£387.00
AGELED2X4/M3	487	108	7.8	£269.00
AGELED2X4/OCTO	487	108	4.82	£369.00
AGELED2X4/OCTO/M3	487	108	7.8	£454.00
AGELED2X4/SM3	487	108	5.76	£297.00
AGELED2X5	487	98	5.76	£201.00
AGELED2X5/DD	487	98	5.76	£291.00
AGELED2X5/DD/M3	487	98	8.74	£376.00
AGELED2X5/DD/SM3	487	98	8.74	£404.00
AGELED2X5/M3	487	98	8.74	£286.00
AGELED2X5/OCTO	487	98	5.76	£386.00
AGELED2X5/OCTO/M3	487	98	8.74	£471.00
AGELED2X5/SM3	487	98	8.74	£314.00
AGLED/3M	538	N/A	0.71	£37.25
AGLED/3M/110V	463	50	0.35	£37.25
AGLED/KIT	538	N/A	N/A	£14.65
AGLED/WL	289	18	1.02	£149.00
AGLED/WL/WW	289	18	0.84	£149.00
AGLEDB/700	359	18	3	£223.00
AGLEDB/700/WW	359	53	3	£223.00
AGPL/DG1/W	118	N/A	N/A	£17.85
AGPL/DG3/W	118	N/A	N/A	£17.85
AHARLED/3M/ST	551	N/A	0.81	£79.00
AHARLED/ALAR	551	N/A	N/A	£21.85
AHARLED/L/AD	551	N/A	N/A	£21.85
AHARLED/L/AU	551	N/A	N/A	£21.85
AHELED/CB	322	70	0.38	£27.30
AHELED/CB/PIR	322	70	0.42	£42.30
AHELED/CW	322	70	0.38	£27.30
AHELED/CW/PIR	322	70	0.42	£42.30
AHELED/EB	322	38	0.4	£27.30
AHELED/EB/PIR	322	38	0.44	£42.30
AHELED/EW	322	38	0.4	£27.30
AHELED/EW/PIR	322	38	0.44	£42.30
AHELED/OB	323	63	0.29	£27.30
AHELED/OB/PIR	323	66	0.31	£42.30
AHELED/OW	323	63	0.29	£27.30
AHELED/OW/PIR	323	66	0.31	£42.30
AHPTLED/1	430	114-116	7.05	£400.00
AHPTLED/1/PC	430	114-116	7.05	£433.00
AHPTLED/1/PC	430	114-116	7.05	£433.00
AHPTLED/2	430	109-114	7.22	£450.00
AHPTLED/2/PC	430	109-114	7.22	£483.00
AHPTLED/2/PC	430	109-114	7.22	£483.00
AHUEMKIT/LI	136	N/A	0.35	£82.50
AIGLED/CW	135	31	0.07	£29.70
AIGLED/CW/W	135	31	0.07	£29.70
AIGLED/WW	135	28	0.07	£29.70
AIGLED/WW/W	135	28	0.07	£29.70
AIRMLED/POD/3NM/ST	514	N/A	0.95	£106.00
AIRMLED/POD/MWS	514	N/A	0.21	£69.00
AJUNLED	523	128	3.5	£160.00
AJUNLED/DD	523	128	3.5	£250.00
AJUNLED/DD/DM3	523	128	3.9	£445.00
AJUNLED/DD/M3	523	128	3.9	£335.00
AJUNLED/DD/SM3	523	128	3.9	£363.00
AJUNLED/DM3	523	128	3.9	£355.00
AJUNLED/M3	523	128	3.9	£245.00
AJUNLED/OCTO	523	128	3.3	£345.00
AJUNLED/OCTO/DM3	523	128	3.9	£540.00
AJUNLED/OCTO/M3	523	128	3.9	£430.00
AJUNLED/OCTO/SM3	523	128	3.9	£458.00
AJUNLED/SM3	523	128	3.9	£273.00
AJUNLED/TW/OCTO	523	104-116	3.3	£385.00
AJUNLED/TW/OCTO/DM3	523	104-116	3.9	£580.00
AJUNLED/TW/OCTO/M3	523	104-116	3.9	£470.00
AJUNLED/TW/OCTO/SM3	523	104-116	3.9	£498.00
AKAILED/B/CW	248	63	0.8	£70.00
AKAILED/B/WW	248	59	0.8	£70.00
AKAILED/W/CW	248	63	0.8	£70.00
AKAILED/W/WW	248	59	0.8	£70.00
AKESLED/3M	549	N/A	0.52	£48.00
AKESLED/ALAR	549	N/A	0.138	£7.00
AKESLED/L/AD	549	N/A	0.138	£7.00
AKESLED/L/AU	549	N/A	0.75	£7.00
AKLED/B	266	60	0.6	£85.50
AKLED/B/WW	266	26	0.66	£85.50
AKLED/SG	266	60	0.6	£85.50
AKLED/SG/WW	266	26	0.66	£85.50
AKRLED/100/CW	228	102	N/A	£3.00
AKRLED/100/RGB	228	N/A	N/A	£3.10
AKRLED/100/RGBW	228	N/A	N/A	£3.80
AKRLED/100/TW	228	N/A	N/A	£3.10
AKRLED/100/WW	228	100	N/A	£3.00
AKRLED/1000/CW	229	102	N/A	£17.00
AKRLED/1000/RGB	229	N/A	N/A	£18.75
AKRLED/1000/RGBW	229	N/A	N/A	£22.05
AKRLED/1000/TW	229	N/A	N/A	£18.75
AKRLED/1000/WW	229	100	N/A	£17.00
AKRLED/2000/CW	229	102	N/A	£27.00
AKRLED/2000/RGB	229	N/A	N/A	£29.30
AKRLED/2000/RGBW	229	N/A	N/A	£35.05
AKRLED/2000/TW	229	N/A	N/A	£29.30
AKRLED/2000/WW	229	100	N/A	£27.00
AKRLED/300/CW	228	102	N/A	£7.10
AKRLED/300/RGB	228	N/A	N/A	£7.75
AKRLED/300/RGBW	228	N/A	N/A	£9.20
AKRLED/300/TW	228	N/A	N/A	£7.75
AKRLED/300/WW	228	100	N/A	£7.10
AKRLED/500/CW	228	102	N/A	£9.95
AKRLED/500/RGB	228	N/A	N/A	£10.90
AKRLED/500/RGBW	228	N/A	N/A	£12.95
AKRLED/500/TW	228	N/A	N/A	£10.90
AKRLED/500/WW	228	100	N/A	£9.95
AKRLED/5000/CW	229	102	N/A	£52.50
AKRLED/5000/RGB	229	N/A	N/A	£56.00
AKRLED/5000/RGBW	229	N/A	N/A	£68.50
AKRLED/5000/TW	229	N/A	N/A	£56.00
AKRLED/5000/WW	229	100	N/A	£52.50
AKTLED/3M/ST	540	N/A	0.5	£49.65
ALAZPLED/C	374	N/A	0.168	£21.20
ALAZPLED/H	374	N/A	2.2	£27.55
ALAZPLED2	374	86	1.714	£212.00
ALE27/WL/BL	348	N/A	2.15	£116.00
ALED/6W/G125/2500K	208	N/A	0.1	£15.00
ALED/6W/ST64/2500K	209	N/A	0.05	£11.15
ALEDCP/CH	77	N/A	0.26	£16.65
ALEDCP/MW	77	N/A	0.23	£13.25
ALEDCP/SC	77	N/A	0.23	£16.65
ALEGLED/B	204	78	0.42	£70.00
ALEGLED/W	204	78	0.42	£70.00
ALEOLED/CCT/045/GR	367	67-74	1.5	£127.00
ALEOLED/CCT/075/GR	367	73-77	2	£158.00
ALEOLED/CCT/100/GR	367	73-77	2.5	£178.00
ALGU10S/B	173	N/A	0.13	£33.60
ALGU10S/W	173	N/A	0.13	£33.60
ALHL/BL	343	N/A	0.76	£41.15
ALHL/PC/BL	343	N/A	0.79	£61.15
ALHL/PIR/BL	343	N/A	0.79	£56.15
ALHL/PIR/WH	343	N/A	0.79	£56.15
ALHL/WH	343	N/A	0.76	£41.15
ALHLLED/BL	342	53	0.65	£48.10
ALHLLED/PC/BL	342	53	0.68	£68.10
ALHLLED/PC/WH	342	53	0.68	£68.10
ALHLLED/PIR/BL	342	53	0.68	£63.10
ALHLLED/PIR/WH	342	53	0.68	£63.10
ALHLLED/WH	342	53	0.65	£48.10
ALIB/100E27	371	N/A	3	£118.00
ALIBLED/WHI	335	63	0.43	£35.20
ALODLED/110/CW	130	68	0.11	£9.15
ALODLED/110/WW	130	62	0.11	£9.15
ALODLED/150/CW	131	72	0.15	£13.80
ALODLED/150/WW	131	66	0.15	£13.80
ALODLED/200/CW	131	77	0.25	£19.50
ALODLED/200/WW	131	73	0.25	£19.50
ALODLED/250/CW	131	85	0.38	£28.65
ALODLED/250/WW	131	80	0.38	£28.65
ALODLED/75/CW	130	77	0.06	£6.90
ALODLED/75/WW	130	71	0.06	£6.90
ALODLED/95/CW	130	79	0.08	£8.00
ALODLED/95/WW	130	76	0.08	£8.00
ALOTLED	518	105-110	3.3	£100.00
ALOTLED/DD	518	105-110	3.3	£190.00
ALOTLED/DD/DM3	518	105-110	3.95	£385.00
ALOTLED/DD/M3	518	105-110	3.95	£275.00
ALOTLED/DD/SM3	518	105-110	3.95	£303.00
ALOTLED/DM3	518	105-110	3.95	£295.00
ALOTLED/M3	518	105-110	3.95	£185.00
ALOTLED/OCTO	518	105-110	3.3	£285.00
ALOTLED/OCTO/DM3	518	105-110	3.95	£480.00
ALOTLED/OCTO/M3	518	105-110	3.95	£370.00
ALOTLED/OCTO/SM3	518	105-110	3.95	£398.00
ALOTLED/SM3	518	105-110	3.95	£213.00
ALTOLED	298	34	1.02	£51.50
ALUCLED/B	276	58-64	2.48	£96.00
ALUCLED/B/DM3	276	58-64	2.69	£291.00
ALUCLED/B/DM3/PC	276	58-64	2.69	£324.00
ALUCLED/B/M3	276	58-64	2.69	£181.00
ALUCLED/B/M3/PC	276	58-64	2.69	£214.00

Product Code	Page	Lm/W	Kg	Trade	Product Code	Page	Lm/W	Kg	Trade	Product Code	Page	Lm/W	Kg	Trade
ALUCLED/B/MWS	276	58-64	2.48	£141.00	AMARLED4/CW	479	92	3.5	£230.00	AMLED100	409	96	9	£401.00
ALUCLED/B/MWS/DM3	276	58-64	2.69	£336.00	AMARLED4/CW/DD	479	92	4.2	£320.00	AMLED100/PC	409	96	9.6	£434.00
ALUCLED/B/MWS/DM3/PC	276	58-64	2.69	£369.00	AMARLED4/WW	479	87	3.5	£230.00	AMLED200	409	101	13.5	£614.00
ALUCLED/B/MWS/M3	276	58-64	2.69	£231.00	AMARLED4/WW/DD	479	87	4.2	£320.00	AMLED200/PC	409	101	14.1	£647.00
ALUCLED/B/MWS/M3/PC	276	58-64	2.69	£264.00	AMATBLED	332	43-51	0.59	£63.50	AMLED30	408	91	3.6	£172.00
ALUCLED/B/MWS/PC	276	58-64	2.48	£174.00	AMATROLED	265	36	0.66	£129.00	AMLED30/PC	408	91	3.7	£205.00
ALUCLED/B/MWS/SM3	276	58-64	2.69	£254.00	AME27045/BL	368	N/A	2.5	£161.00	AMLED30/PIR	408	91	3.7	£189.00
ALUCLED/B/MWS/SM3/PC	276	58-64	2.69	£287.00	AME27045/SS	369	N/A	3.28	£366.00	AMLED50	408	96	5.88	£224.00
ALUCLED/B/PC	276	58-65	2.48	£129.00	AME27075/BL	368	N/A	2.7	£188.00	AMLED50/PC	408	96	6.48	£257.00
ALUCLED/B/SM3	276	58-66	2.69	£209.00	AME27075/SS	369	N/A	3.34	£423.00	AMLWPLED/CCT	424	78-96	1.8	£90.00
ALUCLED/B/SM3/PC	276	58-67	2.69	£242.00	AME27100/BL	368	N/A	4	£214.00	AMLWPLED/CCT/MWS	424	78-96	1.8	£146.00
ALUCLED/G	276	58-68	2.48	£96.00	AME27100/SS	369	N/A	6.7	£511.00	AMLWPLED/CCT/PC	424	78-96	0.55	£123.00
ALUCLED/G/DM3	276	58-69	2.69	£291.00	AMELED/ER/3NM/ST	563	N/A	0.81	£77.50	AMOLED/LI/3M/ST	537	N/A	0.11	£45.75
ALUCLED/G/DM3/PC	276	58-70	2.69	£324.00	AMELED/ER/3NM/ST/B	563	N/A	0.81	£77.50	AMON/GU10/B	177	N/A	0.11	£14.90
ALUCLED/G/M3	276	58-71	2.69	£181.00	AMELED/OA/3NM/ST	563	N/A	0.81	£77.50	AMON/GU10/W	177	N/A	0.11	£14.90
ALUCLED/G/M3/PC	276	58-72	2.69	£214.00	AMELED/OA/3NM/ST/B	563	N/A	0.81	£77.50	AMT1/B	175	N/A	0.5	£29.80
ALUCLED/G/MWS	276	58-73	2.48	£141.00	AMERLED/CCT	304	71-87	1.97	£123.00	AMT1/B/24V	165	N/A	0.26	£36.35
ALUCLED/G/MWS/DM3	276	58-74	2.69	£336.00	AMERLED/CCT/DD	304	71-87	1.97	£213.00	AMT1/W	175	N/A	0.5	£29.80
ALUCLED/G/MWS/DM3/PC	276	58-75	2.69	£369.00	AMERLED/CCT/DD/M3	304	71-87	2.77	£298.00	AMT1/W/24V	165	N/A	0.26	£35.00
ALUCLED/G/MWS/M3	276	58-76	2.69	£231.00	AMERLED/CCT/DD/MWS/M3	304	71-87	2.24	£354.00	AMT2/B	175	N/A	1	£53.50
ALUCLED/G/MWS/M3/PC	276	58-77	2.69	£264.00	AMERLED/CCT/M3	304	71-87	2.24	£208.00	AMT2/W	175	N/A	1	£53.50
ALUCLED/G/MWS/PC	276	58-78	2.48	£174.00	AMERLED/CCT/MWS	304	71-87	2.07	£179.00	AMTA/B	177	N/A	N/A	£11.35
ALUCLED/G/MWS/SM3	276	58-79	2.69	£254.00	AMERLED/CCT/MWS/M3	304	71-87	2.34	£269.00	AMTA/W	177	N/A	N/A	£11.35
ALUCLED/G/MWS/SM3/PC	276	58-80	2.69	£287.00	AMERLED/CCT/OCTO	304	71-87	1.97	£308.00	AMTBC/B	176	N/A	N/A	£5.95
ALUCLED/G/PC	276	58-81	2.48	£129.00	AMERLED/CCT/OCTO/M3	304	71-87	2.24	£393.00	AMTBC/W	176	N/A	N/A	£6.05
ALUCLED/G/SM3	276	58-82	2.69	£209.00	AMERLED/HP	304	82	2.45	£146.00	AMTDE/B	176	N/A	N/A	£1.85
ALUCLED/G/SM3/PC	276	58-83	2.69	£242.00	AMERLED/HP/DD	304	82	2.45	£236.00	AMTDE/W	176	N/A	N/A	£1.85
ALWL/BL	345	N/A	0.69	£41.15	AMERLED/HP/DD/M3	304	82	2.72	£321.00	AMTFC/B	177	N/A	N/A	£19.10
ALWL/CBB	345	N/A	N/A	£9.30	AMERLED/HP/DD/M3/ST	304	82	2.98	£349.00	AMTFC/W	177	N/A	N/A	£19.10
ALWL/CBW	345	N/A	N/A	£9.30	AMERLED/HP/DD/MWS	304	82	2.55	£292.00	AMTINS/B	175	N/A	0.09	£6.70
ALWL/PIR/BL	345	N/A	0.72	£56.15	AMERLED/HP/DD/MWS/M3	304	82	2.83	£377.00	AMTINS/W	175	N/A	0.09	£6.70
ALWL/PIR/WH	345	N/A	0.72	£56.15	AMERLED/HP/M3	304	82	2.72	£231.00	AMTLC/PI/B	177	N/A	N/A	£14.30
ALWL/WH	345	N/A	0.69	£41.15	AMERLED/HP/MWS	304	82	2.55	£202.00	AMTLC/PI/W	177	N/A	N/A	£14.30
ALWLLED/BL	344	68	0.69	£48.10	AMERLED/HP/MWS/M3	304	82	2.83	£292.00	AMTLC/PO/B	177	N/A	N/A	£14.30
ALWLLED/PIR/BL	344	68	0.71	£63.10	AMERLED/HP/OCTO	304	82	2.45	£331.00	AMTLC/PO/W	177	N/A	N/A	£14.30
ALWLLED/PIR/WH	344	68	0.71	£63.10	AMERLED/HP/OCTO/M3	304	82	2.72	£416.00	AMTLE/PL/B	176	N/A	N/A	£8.05
ALWLLED/WH	344	68	0.69	£48.10	AMERLEDBZ/CH	304	N/A	0.25	£16.25	AMTLE/PL/W	176	N/A	N/A	£8.05
ALWPLED	425	71	1.6	£152.00	AMETLED	377	91	1.11	£188.00	AMTLE/PR/B	176	N/A	N/A	£8.05
ALWPLED/DD	425	71	1.6	£242.00	AMFLSA	410-417	N/A	1.31	£6.20	AMTLE/PR/W	176	N/A	N/A	£8.05
ALWPLED/DD/M3	425	71	3.3	£327.00	AMGAMLED	308	94	1.31	£43.70	AMTP1/W	169	N/A	N/A	£97.50
ALWPLED/DD/MWS	425	71	2	£298.00	AMGAMLED/CCT	309	105-115	0.77	£51.50	AMTSC/B	176	N/A	N/A	£11.05
ALWPLED/DD/MWS/M3	425	71	3.7	£383.00	AMGAMLED/CCT/M3	309	105-115	1.04	£97.50	AMTSC/W	176	N/A	N/A	£11.05
ALWPLED/M3	425	71	3.3	£237.00	AMGAMLED/CCT/MWS	309	105-115	0.81	£91.50	AMTSK	177	N/A	N/A	£17.90
ALWPLED/M3/PC	425	71	2	£270.00	AMGAMLED/CCT/MWS/M3	309	105-115	1.05	£137.50	AMTTC/PI/B	177	N/A	N/A	£16.50
ALWPLED/MWS	425	71	2	£208.00	AMGAMLED/M3	308	94	1.54	£89.70	AMTTC/PI/W	177	N/A	N/A	£16.50
ALWPLED/MWS/M3	425	71	2.4	£293.00	AMGAMLED/MWS	308	94	1.33	£83.70	AMTTC/PO/B	177	N/A	N/A	£16.50
ALWPLED/MWS/PC	425	71	1.6	£241.00	AMGAMLED/MWS/M3	308	94	1.56	£129.70	AMTTC/PO/W	177	N/A	N/A	£16.65
ALWPLED/OCTO	425	71	1.6	£337.00	AMGAMLED/OCTOW	40	77-86	0.81	£84.50	AMTXC/B	176	N/A	N/A	£18.50
ALWPLED/OCTO	425	71	1.6	£337.00	AMGAMLEDBZ/CH	308	N/A	0.29	£5.25	AMTXC/W	176	N/A	N/A	£18.50
ALWPLED/PC	425	71	2.2	£185.00	AMICD/AB	144	N/A	0.24	£22.65	ANAPLED/B	277	108-117	2.01	£97.00
ALWPLED/WW	425	67	1.6	£152.00	AMICD/BLC	144	N/A	0.24	£22.65	ANAPLED/B/DM3	277	108-117	2.22	£292.00
ALWPLED/WW/DD	425	67	1.6	£242.00	AMICD/BR	144	N/A	0.24	£21.45	ANAPLED/B/DM3/PC	277	108-117	2.43	£325.00
ALWPLED/WW/DD/M3	425	67	3.3	£327.00	AMICD/CH	144	N/A	0.24	£21.45	ANAPLED/B/M3	277	108-117	2.22	£182.00
ALWPLED/WW/DD/MWS	425	67	1.7	£298.00	AMICD/IP65/AB	147	N/A	0.33	£34.05	ANAPLED/B/M3/PC	277	108-117	2.43	£215.00
ALWPLED/WW/DD/MWS/M3	425	67	3.4	£383.00	AMICD/IP65/BLC	147	N/A	0.33	£34.05	ANAPLED/B/MWS	277	108-117	2.22	£142.00
ALWPLED/WW/M3	425	67	3.3	£237.00	AMICD/IP65/BR	147	N/A	0.33	£32.40	ANAPLED/B/MWS/DM3	277	108-117	2.43	£337.00
ALWPLED/WW/M3/PC	425	67	1.7	£270.00	AMICD/IP65/CH	147	N/A	0.33	£32.40	ANAPLED/B/MWS/DM3/PC	277	108-117	2.64	£370.00
ALWPLED/WW/MWS	425	67	1.7	£208.00	AMICD/IP65/MW	147	N/A	0.33	£30.90	ANAPLED/B/MWS/M3	277	108-117	2.43	£232.00
ALWPLED/WW/MWS/M3	425	67	2.4	£293.00	AMICD/IP65/SC	147	N/A	0.33	£32.40	ANAPLED/B/MWS/M3/PC	277	108-117	2.64	£265.00
ALWPLED/WW/MWS/PC	425	67	1.6	£241.00	AMICD/IP65/W	147	N/A	0.33	£30.90	ANAPLED/B/MWS/PC	277	108-117	2.43	£175.00
ALWPLED/WW/OCTO	425	67	1.6	£337.00	AMICD/MW	144	N/A	0.24	£20.00	ANAPLED/B/MWS/SM3	277	108-117	2.43	£255.00
ALWPLED/WW/OCTO	425	67	1.6	£337.00	AMICD/SC	144	N/A	0.24	£21.45	ANAPLED/B/MWS/SM3/PC	277	108-117	2.64	£288.00
ALWPLED/WW/PC	425	67	1.7	£185.00	AMICD/W	144	N/A	0.24	£20.00	ANAPLED/B/OCTO	277	108-117	2.01	£282.00
AM2LED/ASY/500	402	146	22.37	£1,481.00	AMICG/AB	146	N/A	0.26	£24.50	ANAPLED/B/OCTO/M3	277	108-117	2.22	£367.00
AM2LED/ASY/500/PC	402	146	22.37	£1,514.00	AMICG/BLC	146	N/A	0.26	£24.50	ANAPLED/B/PC	277	108-117	2.22	£130.00
AM2LED/ASY/800	402	138	24.78	£2,286.00	AMICG/BR	146	N/A	0.26	£23.25	ANAPLED/B/SM3	277	108-117	2.22	£210.00
AM2LED/ASY/800/PC	402	138	24.78	£2,319.00	AMICG/CH	146	N/A	0.26	£23.25	ANAPLED/B/SM3/PC	277	108-117	2.43	£243.00
AMAGLED/1	434	152	5.4	£340.00	AMICG/MW	146	N/A	0.26	£21.25	ANAPLED/G	277	108-117	2.01	£97.00
AMAGLED/2	434	152	5.4	£375.00	AMICG/SC	146	N/A	0.26	£23.25	ANAPLED/G/DM3	277	108-117	2.22	£292.00
AMAGLED/3	434	151	5.4	£460.00	AMICG/W	146	N/A	0.26	£21.25	ANAPLED/G/DM3/PC	277	108-117	2.43	£325.00
AMAGLED1/PC	434	152	5.45	£373.00	AMIFC/OAK	214	N/A	0.16	£30.70	ANAPLED/G/M3	277	108-117	2.22	£182.00
AMAGLED2/PC	434	152	5.45	£408.00	AMIFC/W	214	N/A	0.42	£33.15	ANAPLED/G/M3/PC	277	108-117	2.43	£215.00
AMAGLED3/PC	434	151	5.45	£493.00	AMIFC/WAL	214	N/A	0.16	£30.70	ANAPLED/G/MWS	277	108-117	2.22	£142.00
AMALED120/CCT	244	96-102	0.36	£33.95	AMILLED/SK	483	N/A	1.86	£12.70	ANAPLED/G/MWS/DM3	277	108-117	2.43	£337.00
AMALED20/CCT	244	91-97	0.13	£15.00	AMILLED4	483	90-92	1.86	£137.00	ANAPLED/G/MWS/DM3/PC	277	108-117	2.64	£370.00
AMALED50/CCT	244	99-102	0.21	£19.50	AMILLED5	483	77-79	2.47	£176.00	ANAPLED/G/MWS/M3	277	108-117	2.43	£232.00
AMALED80/CCT	244	98-102	0.29	£28.20	AMLED/KIT/TUNE	240	N/A	0.4	£86.00	ANAPLED/G/MWS/M3/PC	277	108-117	2.64	£265.00
AMARLED/SK	479	N/A	N/A	£12.00	AMLED/LC	233	N/A	0.01	£4.00	ANAPLED/G/MWS/PC	277	108-117	2.43	£175.00

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ANAPLED/G/MWS/SM3	277	108-117	2.43	£255.00
ANAPLED/G/MWS/SM3/PC	277	108-117	2.64	£288.00
ANAPLED/G/OCTO	277	108-117	2.01	£282.00
ANAPLED/G/OCTO/M3	277	108-117	2.22	£367.00
ANAPLED/G/PC	277	108-117	2.22	£130.00
ANAPLED/G/SM3	277	108-117	2.22	£210.00
ANAPLED/G/SM3/PC	277	108-117	2.43	£243.00
ANE27/PIL/BL	349	N/A	2.23	£91.50
ANE27/WLBA/BL	349	N/A	2.14	£79.00
ANE27/WLTA/BL	349	N/A	2.19	£79.00
ANEPLED	520	99-108	3.6	£135.00
ANEPLED/DD	520	99-108	3.6	£225.00
ANEPLED/DD/M3	520	99-108	4.11	£310.00
ANEPLED/M3	520	99-108	4.11	£220.00
ANEPLED/OCTO	520	99-108	3.6	£320.00
ANEPLED/OCTO/M3	520	99-108	4.11	£405.00
ANEPLED/SM3	520	99-108	0.58	£248.00
ANTIALED	285	37	0.58	£53.50
ANZOLED/CCT	132	93-108	0.36	£57.50
ANZOLED/CCT/DIM	132	93-108	0.36	£57.50
AOCTO/BT/PIR/IP65-S	61	N/A	0.11	£293.00
AOCTO/BT/PIR/IP66/HBSP	62	N/A	0.25	£346.00
AOCTO/BT/PIR/IP66/HBWD	63	N/A	0.25	£346.00
AOCTO/BT/PIR-R	60	N/A	0.01	£212.00
AOCTO/BT/PIR-S	60	N/A	0.18	£266.00
AOCTO/BT/WS	55	N/A	0.06	£134.00
AOCTO/BT/WS/IP65	57	N/A	0.06	£86.50
AOCTO/IC/200	48	N/A	0.15	£202.00
AOCTO/IC/50	48	N/A	0.15	£156.00
AOCTO/OC/IP65/200	53	N/A	0.32	£236.00
AOCTO/RGBW/BTC	50	N/A	0.23	£222.00
AOCTO/SR	58	N/A	0.05	£231.00
AOCTO/WS/B	54	N/A	0.05	£205.00
AOCTO/WS/M	54	N/A	0.05	£205.00
AOCTO/WS/W	54	N/A	0.05	£205.00
AOCTO/XP/WS/B	56	N/A	0.09	£321.00
AOCTO/XP/WS/W	56	N/A	0.09	£321.00
AOCTOBTL/8W/E27	47	N/A	0.07	£88.50
AOCTOBTL/ADAPTOR/B22	47	N/A	0.4	£4.50
AOCTOW/A60LED/RGBTW/B22	30	N/A	0.09	£50.00
AOCTOW/A60LED/RGBTW/E27	30	N/A	0.09	£50.00
AOCTOW/A60LED/TW/B22	29	N/A	0.09	£40.00
AOCTOW/A60LED/TW/E27	29	N/A	0.09	£40.00
AOCTOW/G95LED/RGBTW/B22	31	N/A	0.11	£60.00
AOCTOW/G95LED/RGBTW/E27	31	N/A	0.11	£60.00
AOCTOW/GU10LED/RGBTW	28	N/A	0.05	£27.00
AOCTOW/GU10LED/TW	27	N/A	0.05	£22.50
AOCTOW/PIR-S	44	N/A	0.057	£36.50
AOCTOW/RC	42	N/A	0.035	£21.85
AOCTOW/SP	45	N/A	0.087	£25.00
AOCTOW/VENOM/EXT/RGBTW	33	N/A	0.23	£110.00
AOCTOW/VENOM/KIT/RGBTW	33	N/A	0.23	£180.00
AOLLBLED/1	452	142	1.78	£175.00
AOLLBLED/1/M3	452	142	2.03	£295.00
AOLLBLED/2	452	135	2.4	£300.00
AOLLBLED/2/M3	452	135	2.4	£420.00
AOLLBLED/3	452	131	2.4	£325.00
AOLLBLED/3/M3	452	131	2.4	£445.00
AOLLBLED/SK	452	N/A	3.6	£12.00
AONIXLED/1	433	104	3.6	£382.00
AONIXLED/1/PC	433	104	4.2	£415.00
AONIXLED/2	433	103	3.7	£427.00
AONIXLED/2/PC	433	103	4.3	£460.00
AONIXLED/3	433	98	5.2	£547.00
AONIXLED/3/PC	433	98	5.8	£580.00
AONIXLED/4	433	103	5.5	£624.00
AONIXLED/4/PC	433	103	6.1	£657.00
AONIXLED/SBA	433	N/A	0.62	£22.50
AONIXLED/WB	433	N/A	2.2	£28.80
AORBLED/CW	76	92	0.3	£49.75
AORBLED/DIMMER	77	N/A	0.32	£19.50
AORBLED/WW	76	82	0.3	£49.75
AORBLEDBZ/AB	77	N/A	0.04	£4.35
AORBLEDBZ/BLC	77	N/A	0.04	£4.35
AORBLEDBZ/BR	77	N/A	0.04	£4.15
AORBLEDBZ/CH	77	N/A	0.04	£4.15
AORBLEDBZ/SC	77	N/A	0.04	£4.15
AORBLEDBZ/SQ/AB	77	N/A	0.04	£5.95

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AORBLEDBZ/SQ/BLC	77	N/A	0.04	£5.95
AORBLEDBZ/SQ/BR	77	N/A	0.04	£5.80
AORBLEDBZ/SQ/CH	77	N/A	0.04	£5.80
AORBLEDBZ/SQ/MW	77	N/A	0.04	£5.25
AORBLEDBZ/SQ/SC	77	N/A	0.04	£5.80
AORFLED100/ASY	403	123	3.5	£186.00
AORFLED150/ASY	403	136	5.6	£227.00
AORFLED200/ASY	403	138	7.2	£287.00
AORNLED/PL1	372	71	2.38	£145.00
AORNLED/PL2	372	N/A	2.43	£174.00
AOSLED/3M/CS	542	N/A	1.1	£89.50
AOSLED/3M/ST	542	N/A	1.06	£74.50
AOTEVLED/90	473	N/A	0.35	£27.50
AOTEVLED/90/W	473	N/A	0.35	£27.50
AOTEVLED2X5	473	116-121	4.5	£290.00
AOTEVLED2X5/CF	473	116-121	4.5	£415.00
AOTEVLED2X5/CF/M3	473	116-121	5.3	£500.00
AOTEVLED2X5/DD	473	116-121	4.5	£380.00
AOTEVLED2X5/DD/M3	473	116-121	5.3	£465.00
AOTEVLED2X5/M3	473	116-121	5.3	£375.00
AOTEVLED2X5/MWS	473	116-121	4.5	£346.00
AOTEVLED2X5/MWS/M3	473	116-121	5.3	£436.00
AOTEVLED2X5/W	473	116-121	4.5	£290.00
AOTEVLED2X5/W/CF	473	116-121	4.5	£415.00
AOTEVLED2X5/W/CF/M3	473	116-121	5.3	£500.00
AOTEVLED2X5/W/DD	473	116-121	4.5	£380.00
AOTEVLED2X5/W/DD/M3	473	116-121	5.3	£465.00
AOTEVLED2X5/W/M3	473	116-121	5.3	£375.00
AOTEVLED2X5/W/MWS	473	116-121	4.5	£346.00
AOTEVLED2X5/W/MWS/M3	473	116-121	5.3	£436.00
AOTEVLED5	473	95-99	4.5	£260.00
AOTEVLED5/CF	473	95-99	4.5	£385.00
AOTEVLED5/CF/M3	473	95-99	5.3	£470.00
AOTEVLED5/DD	473	95-99	4.5	£350.00
AOTEVLED5/DD/M3	473	95-99	5.3	£435.00
AOTEVLED5/M3	473	95-99	5.3	£345.00
AOTEVLED5/MWS	473	95-99	4.5	£316.00
AOTEVLED5/MWS/M3	473	95-99	5.3	£406.00
AOTEVLED5/W	473	95-99	4.5	£260.00
AOTEVLED5/W/CF	473	95-99	4.5	£385.00
AOTEVLED5/W/CF/M3	473	95-99	5.3	£470.00
AOTEVLED5/W/DD	473	95-99	4.5	£350.00
AOTEVLED5/W/DD/M3	473	95-99	5.3	£435.00
AOTEVLED5/W/M3	473	95-99	5.3	£345.00
AOTEVLED5/W/MWS	473	95-99	4.5	£316.00
AOTEVLED5/W/MWS/M3	473	95-99	0.52	£406.00
AOTLED/90B	474	N/A	0.52	£55.50
AOTLED/SK	474	N/A	3.3	£12.70
AOTLED2X5/CCT	474	84-86	3.3	£361.00
AOTLED2X5/CCT/DD	474	84-86	3.3	£451.00
AOTLED2X5/CCT/DD/M3	474	84-86	3.3	£536.00
AOTLED2X5/CCT/DD/MWS	474	84-86	3.3	£507.00
AOTLED2X5/CCT/DD/MWS/M3	474	84-86	3.3	£592.00
AOTLED2X5/CCT/M3	474	84-86	3.3	£446.00
AOTLED2X5/CCT/MWS	474	84-86	3.3	£417.00
AOTLED2X5/CCT/MWS/M3	474	84-86	3.3	£507.00
AOTLED2X5/CCT/OCTO	474	84-86	3.3	£546.00
AOTLED2X5/CCT/OCTO/M3	474	84-86	3.3	£631.00
AOTLED2X5/W/CCT	474	84-86	3.3	£361.00
AOTLED2X5/W/CCT/DD	474	84-86	3.3	£451.00
AOTLED2X5/W/CCT/DD/M3	474	84-86	3.3	£536.00
AOTLED2X5/W/CCT/DD/MWS	474	84-86	3.3	£507.00
AOTLED2X5/W/CCT/DD/MWS/M3	474	84-86	3.3	£592.00
AOTLED2X5/W/CCT/M3	474	84-86	3.3	£446.00
AOTLED2X5/W/CCT/MWS	474	84-86	3.3	£417.00
AOTLED2X5/W/CCT/MWS/M3	474	84-86	3.3	£507.00
AOTLED2X5/W/CCT/OCTO	474	84-86	3.3	£546.00
AOTLED2X5/W/CCT/OCTO/M3	474	84-86	3.3	£631.00
AOTLED5/CCT	474	86-92	3.3	£320.00
AOTLED5/CCT/DD	474	86-92	3.3	£410.00
AOTLED5/CCT/DD/M3	474	86-92	3.3	£495.00
AOTLED5/CCT/DD/MWS	474	86-92	3.3	£466.00
AOTLED5/CCT/DD/MWS/M3	474	86-92	3.3	£551.00
AOTLED5/CCT/M3	474	86-92	3.3	£405.00
AOTLED5/CCT/MWS	474	86-92	3.3	£376.00
AOTLED5/CCT/MWS/M3	474	86-92	3.3	£466.00
AOTLED5/CCT/OCTO	474	86-92	4.5	£505.00
AOTLED5/CCT/OCTO/M3	474	86-92	3.3	£590.00

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AOTLED5/W/CCT	474	86-92	3.3	£320.00
AOTLED5/W/CCT/DD	474	86-92	3.3	£410.00
AOTLED5/W/CCT/DD/M3	474	86-92	3.3	£495.00
AOTLED5/W/CCT/DD/MWS	474	86-92	3.3	£466.00
AOTLED5/W/CCT/DD/MWS/M3	474	86-92	3.3	£551.00
AOTLED5/W/CCT/M3	474	86-92	3.3	£405.00
AOTLED5/W/CCT/MWS	474	86-92	3.3	£376.00
AOTLED5/W/CCT/MWS/M3	474	86-92	3.3	£466.00
AOTLED5/W/CCT/OCTO	474	86-92	4.5	£505.00
AOTLED5/W/CCT/OCTO/M3	474	86-92	3.3	£590.00
AOXLED2X4	495	111	2.57	£136.00
AOXLED2X4/DD	495	111	2.57	£226.00
AOXLED2X4/DD/M3	495	111	3.15	£311.00
AOXLED2X4/DD/SM3	495	111	3.15	£339.00
AOXLED2X4/M3	495	111	3.15	£221.00
AOXLED2X4/OCTO/M3	495	111	3.15	£406.00
AOXLED2X4/MWS	495	111	2.57	£192.00
AOXLED2X4/OCTO	495	111	2.57	£321.00
AOXLED2X4/OCTO/M3	495	111	3.15	£406.00
AOXLED2X4/SM3	495	111	3.15	£249.00
AOXLED2X4/SM3	495	111	3.15	£249.00
AOXLED2X5	495	109	3.24	£152.00
AOXLED2X5/DD	495	109	3.24	£242.00
AOXLED2X5/DD/M3	495	109	3.82	£327.00
AOXLED2X5/DD/M3/ST	495	109	3.84	£355.00
AOXLED2X5/DD/SM3	495	109	3.82	£355.00
AOXLED2X5/M3	495	109	3.82	£237.00
AOXLED2X5/MWS	495	109	3.24	£208.00
AOXLED2X5/OCTO	495	109	3.24	£337.00
AOXLED2X5/OCTO/M3	495	109	3.82	£422.00
AOXLED2X5/SM3	495	109	3.15	£265.00
AOXLED2X5/SM3	495	109	3.15	£265.00
AOXLED4	495	128	2.42	£116.00
AOXLED4/DD	495	128	2.42	£206.00
AOXLED4/DD/DM3	495	128	2.89	£401.00
AOXLED4/DD/M3	495	128	2.89	£291.00
AOXLED4/DD/SM3	495	128	2.89	£319.00
AOXLED4/DM3	495	128	2.89	£311.00
AOXLED4/M3	495	128	2.89	£201.00
AOXLED4/MWS	495	128	2.42	£172.00
AOXLED4/OCTO	495	128	2.42	£301.00
AOXLED4/OCTO/DM3	495	128	2.89	£496.00
AOXLED4/OCTO/M3	495	128	2.89	£386.00
AOXLED4/OCTO/SM3	495	128	2.89	£414.00
AOXLED4/SM3	495	128	2.89	£229.00
AOXLED4/SM3	495	128	2.89	£229.00
AOXLED5	495	108	2.93	£132.00
AOXLED5/DD	495	108	2.93	£222.00
AOXLED5/DD/DM3	495	108	3.4	£417.00
AOXLED5/DD/M3	495	108	3.4	£307.00
AOXLED5/DD/SM3	495	108	3.4	£335.00
AOXLED5/DM3	495	108	3.4	£327.00
AOXLED5/M3	495	108	3.4	£217.00
AOXLED5/MWS	495	108	2.93	£188.00
AOXLED5/OCTO	495	108	2.93	£317.00
AOXLED5/OCTO/DM3	495	108	3.4	£512.00
AOXLED5/OCTO/M3	495	108	3.4	£402.00
AOXLED5/OCTO/SM3	495	108	3.4	£430.00
AOXLED5/SM3	495	108	3.4	£245.00
AOXLED5/SM3	495	108	3.4	£245.00
APACLED/SK	510	N/A	0.12	£12.05
APACLED1/60/CW	510	118	1.7	£130.00
APACLED1/60/CW/DD	510	118	1.7	£220.00
APACLED1/60/CW/OCTO	510	118	1.7	£315.00
APACLED1/60/DL	510	116	1.7	£130.00
APACLED1/60/DL/DD	510	116	1.7	£220.00
APACLED1/60/DL/OCTO	510	116	1.7	£315.00
APACLED1/60/WW	510	111	1.7	£130.00
APACLED1/60/WW/DD	510	111	1.7	£220.00
APACLED1/60/WW/OCTO	510	111	1.7	£315.00
APACLED2/60/CCT	513	111-118	1.6	£142.00
APACLED2/60/CCT/DD	513	111-118	1.6	£232.00
APACLED2/60/CCT/OCTO	513	111-118	1.6	£327.00
APANLED	426	84-90	0.98	£75.00
APANLED/M3	426	84-90	1.58	£160.00
APANLED/M3	426	84-90	1.58	£160.00
APANLED/M3/PC	426	84-90	1.58	£193.00
APANLED/MWS	426	84-90	1.08	£131.00

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APANLED/MWS	426	84-90	1.08	£131.00
APANLED/MWS/M3	426	84-90	1.58	£216.00
APANLED/MWS/M3	426	84-90	1.58	£216.00
APANLED/PC	426	84-90	1.17	£108.00
APAVLED/WL	271	N/A	1.17	£103.00
APAVLEDB/60	350	N/A	1.48	£131.00
APCLEDWL	331	23	0.67	£103.00
APILLED/GR	263	17-23	0.28	£44.00
APILLED/W	263	17-23	0.28	£44.00
APIWCLED/GR	261	55-59	0.28	£44.00
APIWCLED/W	261	55-59	0.53	£44.00
APLEDDVRL	250	55	0.53	£49.15
APLULED	527	112	3	£118.00
APLULED/DD	527	112	3	£208.00
APLULED/DD/M3	527	112	3.49	£293.00
APLULED/M3	527	112	3.49	£203.00
APLULED/OCTO	527	112	3	£303.00
APLULED/OCTO/M3	527	112	3.49	£388.00
APLULED/SM3	527	112	3.49	£231.00
APRLED/CW	88	102	0.38	£41.20
APRLED/WW	88	102	0.38	£41.20
APRLEDBZ/CH	88	N/A	0.04	£3.95
APRLEDBZ/SC	88	N/A	0.04	£3.95
APRLEDP/AG/CCT	84	66-74	0.31	£55.00
APRLEDP/CCT	82	78-87	0.28	£43.50
APRLEDP/CW	80	96	0.28	£36.05
APRLEDP/G/BLK	83	89-100	0.31	£54.00
APRLEDP/G/CH	83	89-100	0.31	£54.00
APRLEDP/G/MW	83	89-100	0.31	£51.00
APRLEDP/G/SC	83	89-100	0.31	£54.00
APRLEDP/OCTOW	34	78-82	0.28	£81.00
APRLEDP/TRIM	86	N/A	0.27	£19.00
APRLEDP/WW	80	89	0.28	£36.05
APRLEDPBZ/AG/BB	84	N/A	0.022	£6.00
APRLEDPBZ/AG/CHB	84	N/A	0.022	£6.00
APRLEDPBZ/AG/SCB	84	N/A	0.022	£6.00
APRLEDPBZ/AG/WW	84	N/A	0.022	£6.00
APRLEDPBZ/BLK	80	N/A	0.01	£3.70
APRLEDPBZ/CH	80	N/A	0.01	£3.70
APRLEDPBZ/SC	80	N/A	0.01	£3.70
APRLED2X4	493	98	3.7	£159.00
APRLED2X4/DD	493	98	3.7	£249.00
APRLED2X4/DD/M3	493	98	4.29	£334.00
APRLED2X4/DD/MWS	493	98	3.72	£305.00
APRLED2X4/DD/MWS/M3	493	98	4.33	£390.00
APRLED2X4/M3	493	98	4.29	£244.00
APRLED2X4/MWS	493	98	3.72	£215.00
APRLED2X4/MWS/M3	493	98	4.33	£300.00
APRLED2X4/OCTO	493	98	3.7	£344.00
APRLED2X4/OCTO/M3	493	98	4.29	£429.00
APRLED2X5	493	100	4.5	£186.00
APRLED2X5/DD	493	100	4.5	£276.00
APRLED2X5/DD/M3	493	100	5.09	£361.00
APRLED2X5/DD/MWS	493	100	4.54	£332.00
APRLED2X5/DD/MWS/M3	493	100	5.13	£417.00
APRLED2X5/M3	493	100	5.09	£271.00
APRLED2X5/MWS	493	100	4.54	£242.00
APRLED2X5/MWS/M3	493	100	5.13	£327.00
APRLED2X5/OCTO	493	100	4.5	£371.00
APRLED2X5/OCTO/M3	493	100	5.09	£456.00
APRLED2X6	493	101	5.3	£213.00
APRLED2X6/DD	493	101	5.3	£303.00
APRLED2X6/DD/M3	493	101	5.89	£388.00
APRLED2X6/DD/MWS	493	101	5.34	£359.00
APRLED2X6/DD/MWS/M3	493	101	5.93	£444.00
APRLED2X6/M3	493	101	5.89	£298.00
APRLED2X6/MWS	493	101	5.34	£269.00
APRLED2X6/MWS/M3	493	101	5.93	£354.00
APRLED2X6/OCTO	493	101	5.3	£398.00
APRLED2X6/OCTO/M3	493	101	5.89	£483.00
APRLED4	493	100	3.5	£134.00
APRLED4/DD	493	100	3.5	£224.00
APRLED4/DD/M3	493	100	4.09	£309.00
APRLED4/DD/MWS	493	100	3.54	£280.00
APRLED4/DD/MWS/M3	493	100	4.13	£365.00
APRLED4/M3	493	100	4.09	£219.00
APRLED4/MWS	493	100	3.54	£190.00
APRLED4/MWS/M3	493	100	4.13	£275.00
APRLED4/OCTO	493	100	3.5	£319.00
APRLED4/OCTO/M3	493	100	4.09	£404.00
APRLED5	493	104	4.3	£161.00
APRLED5/DD	493	104	4.3	£251.00
APRLED5/DD/M3	493	104	4.89	£336.00
APRLED5/DD/MWS	493	104	4.43	£307.00
APRLED5/DD/MWS/M3	493	104	4.93	£392.00
APRLED5/M3	493	104	4.89	£246.00
APRLED5/MWS	493	104	4.43	£217.00
APRLED5/MWS/M3	493	104	4.93	£302.00
APRLED5/OCTO	493	104	4.3	£346.00
APRLED5/OCTO/M3	493	104	4.89	£431.00
APRLED6	493	114	5.1	£185.00
APRLED6/DD	493	114	5.1	£275.00
APRLED6/DD/M3	493	114	5.69	£360.00
APRLED6/DD/MWS	493	114	5.14	£331.00
APRLED6/DD/MWS/M3	493	114	5.73	£416.00
APRLED6/M3	493	114	5.69	£270.00
APRLED6/MWS	493	114	5.14	£241.00
APRLED6/MWS/M3	493	114	5.73	£326.00
APRLED6/OCTO	493	114	5.1	£370.00
APRLED6/OCTO/M3	493	114	5.69	£455.00
APYLED/KIT/CW	238	80	0.36	£53.50
APYLED/KIT/WW	238	75	0.36	£53.50
ARALED/ER/3NM/ST	562	N/A	0.37	£57.50
ARALED/OA/3NM/ST	562	N/A	0.37	£57.50
ARAPLED/3NM/1	554	N/A	0.79	£78.00
ARAPLED/3NM/2	553	N/A	0.9	£88.00
ARAZLED/LI/3M/DA	550	N/A	1.16	£155.00
ARAZLED/LI/3M/DA/B	550	N/A	1.16	£155.00
ARCLED/CW/SS	247	73	0.09	£13.30
ARCLED/CW/W	247	73	0.09	£13.30
ARCLED/WW/SS	247	66	0.09	£13.30
ARCLED/WW/W	247	66	0.09	£13.30
ARE27/HL/BL	346	N/A	2.17	£103.00
AREELEDA	257	90-97	0.25	£45.85
AREELEDD	257	90-97	0.22	£37.70
AREELEDWL	284	82-89	0.38	£41.50
AREELEDWL/OCTOW	38	82-89	0.38	£84.00
AREELEDWL/PIR	284	82-89	0.4	£60.50
AREELEDWLD	281	82-90	0.25	£41.60
ARIELED/CW	141	82	0.25	£51.50
ARIELED/WW	141	76	0.25	£51.50
ARLEDTL/CW	246	61	0.09	£18.90
ARLEDTL/WW	246	56	0.09	£18.90
ARMK3	368-370	N/A	N/A	£61.00
AROLEDSSS	375	60	1.29	£146.00
ARULEDP/WW/B	207	87	0.76	£77.00
ARULEDP/WW/W	207	87	0.76	£77.00
ASBLED	326	73	0.47	£36.45
ASBLED/110V	327	85	0.35	£28.65
ASBLED/110V/MWS	327	85	0.37	£84.65
ASBLED/110V/PC	327	85	0.37	£61.65
ASBLED/DIFF/RED	327	N/A	0.11	£7.45
ASBLED/MWS	326	73	0.49	£92.45
ASBLED/PC	326	73	0.49	£69.45
ASBP/1	533, 540	N/A	0.06	£10.65
ASBP/10	564	N/A	0.23	£20.60
ASBP/12	128	N/A	0.86	£25.80
ASBP/14	562	N/A	0.06	£12.30
ASBP/15	542	N/A	0.07	£20.90
ASBP/16	542	N/A	0.34	£21.80
ASBP/17	350, 252	N/A	0.38	£22.00
ASBP/18	537	N/A	0.09	£12.85
ASBP/19	550, 558	N/A	0.04	£21.35
ASBP/2	538, 539, 541, 545	N/A	0.15	£12.30
ASBP/21	566	N/A	N/A	£33.55
ASBP/22	549	N/A	N/A	£7.75
ASBP/3	547	N/A	0.16	£12.30
ASBP/4	548	N/A	0.06	£11.45
ASBP/5	551	N/A	0.15	£20.20
ASBP/6	552, 557	N/A	0.54	£31.90
ASBP/7	555	N/A	0.35	£24.05
ASBP/8	559	N/A	0.2	£17.15
ASBP/9	560, 561, 563	N/A	0.42	£28.90
ASCOLED/1/CCT	139	84-86	0.66	£108.00
ASCOLED/1/CCT/DD	139	84-86	0.66	£198.00
ASCOLED/1/CCT/OCTO	139	84-86	0.66	£253.00
ASCOLED/2/CCT	139	91-94	0.66	£125.00
ASCOLED/2/CCT/DD	139	91-94	0.66	£215.00
ASCOLED/2/CCT/OCTO	139	91-94	0.66	£270.00
ASEC/G125/AB	208	N/A	0.4	£49.30
ASEC/G125/BLC	208	N/A	0.4	£49.30
ASEC/ST64/AB	209	N/A	0.336	£55.00
ASEC/ST64/BLC	209	N/A	0.339	£55.00
ASEGLED	288	47	0.67	£37.45
ASELED/WL	267	52	0.5	£83.50
ASELED/WL/PIR	267	52	0.55	£102.50
ASELEDB/060	355	52	1.09	£101.00
ASELEDB/100	355	52	1.7	£119.00
ASFRLED230/CW	140	76	0.86	£64.50
ASFRLED230/WW	140	70	0.86	£64.50
ASGU10L	163	N/A	N/A	£1.95
ASIDLED/CW	480	106	2.9	£293.00
ASIDLED/CW/OCTO	480	106	2.9	£478.00
ASIDLED5/CW	480	113	3.8	£370.00
ASIDLED5/CW/OCTO	480	113	3.8	£555.00
ASK1	487-489	N/A	N/A	£31.80
ASLED/3NM	559	N/A	0.36	£46.75
ASLED/3NM/B	559	N/A	0.36	£46.75
ASPELED/60/CCT	499	103-111	0.4	£77.50
ASPELED/60/CCT/DD	499	103-111	0.4	£167.50
ASPELED/60/CCT/DD/DM3	499	103-111	1.2	£362.50
ASPELED/60/CCT/DD/M3	499	103-111	1.2	£252.50
ASPELED/60/CCT/DD/SM3	499	103-111	1.2	£280.50
ASPELED/60/CCT/DM3	499	103-111	1.2	£272.50
ASPELED/60/CCT/M3	499	103-111	1.2	£162.50
ASPELED/60/CCT/OCTO	499	103-111	0.4	£262.50
ASPELED/60/CCT/OCTO/M3	499	103-111	1.2	£347.50
ASPELED/60/CCT/SM3	499	103-111	1.2	£190.50
ASPGN/1LED/WHI	217	15	0.41	£80.50
ASPPLED/ASY/CW	378	71	2	£190.00
ASPPLED/ASY/WW	378	66	2	£190.00
ASPPLED/SYM/CW	379	90	2.1	£230.00
ASPPLED/SYM/WW	379	83	2.1	£230.00
ASPRLED/LI/3M/DA	558	N/A	0.46	£104.00
ASR2LED/B/CCT	325	83-90	0.75	£60.50
ASR2LED/W/CCT	325	83-90	0.75	£60.50
ASSULED0/CW/B	205	69	0.41	£57.00
ASSULED0/CW/W	205	69	0.41	£57.00
ASULED/1/CW	428	86	12	£730.00
ASULED/1/CW/PC	428	86	12.3	£763.00
ASULED/1/WW	428	82	12	£730.00
ASULED/1/WW/PC	428	82	12.3	£763.00
ASULED/2/CW	428	77	12	£815.00
ASULED/2/CW/PC	428	77	12.3	£848.00
ASULED/2/WW	428	73	12	£815.00
ASULED/2/WW/PC	428	73	12.3	£848.00
ASWTLED/3M	536	N/A	0.4	£45.85
ASWTLED/3M	536	N/A	0.4	£45.85
ATA2X50	280	N/A	0.4	£92.00
ATALEDB/1000	365	96	3.65	£264.00
ATALEDB/1000/M3	365	96	2.91	£352.00
ATALEDB/1000/PIR	365	96	3.75	£281.00
ATALEDB/1000/PIR/M3	365	96	4.1	£369.00
ATASLED/WL	273	N/A	4.82	£111.00
ATASLEDB/60	352	N/A	3.9	£139.00
ATL/BA	153-158	N/A	N/A	£2.90
ATLD/AB	153	N/A	0.2	£9.45
ATLD/BLC	153	N/A	0.2	£9.45
ATLD/BR	153	N/A	0.2	£7.90
ATLD/CH	153	N/A	0.2	£7.90
ATLD/IP65/CH	158	N/A	0.25	£14.95
ATLD/IP65/MW	158	N/A	0.25	£12.70
ATLD/IP65/SC	158	N/A	0.25	£14.95
ATLD/IP65/W	158	N/A	0.25	£12.70
ATLD/MW	153	N/A	0.2	£6.50
ATLD/SC	153	N/A	0.2	£7.90
ATLD/W	153	N/A	0.2	£6.50
ATLED/WL	269	73	0.99	£84.50
ATLED/WL/PIR	269	73	0.2	£103.50
ATLG/AB	155	N/A	0.2	£12.15
ATLG/BLC	155	N/A	0.2	£12.15
ATLG/BR	155	N/A	0.2	£10.55
ATLG/CH	155	N/A	0.2	£10.55
ATLG/MW	155	N/A	0.2	£7.80

Product Code	Page	Lm/W	Kg	Trade	Product Code	Page	Lm/W	Kg	Trade	Product Code	Page	Lm/W	Kg	Trade
ATLG/SC	155	N/A	0.2	£10.55	ATLLED6/DM3	467	117	2.46	£281.50	ATORLED5/DD/MWS/M3	458	115	2.3	£297.50
ATLG/W	155	N/A	0.22	£7.80	ATLLED6/M3	467	117	2.46	£171.50	ATORLED5/M3	458	115	2.08	£151.50
ATLLED2X4	467	105	1.37	£81.00	ATLLED6/MWS	467	117	1.98	£142.50	ATORLED5/MWS	458	115	1.52	£122.50
ATLLED2X4/CF	467	105	1.37	£206.00	ATLLED6/MWS/DM3	467	117	2.56	£337.50	ATORLED5/MWS/M3	458	115	2.3	£207.50
ATLLED2X4/CF/DM3	467	105	2.17	£401.00	ATLLED6/MWS/M3	467	117	2.56	£227.50	ATORLED5/OCTO	458	115	1.5	£251.50
ATLLED2X4/CF/M3	467	105	1.37	£291.00	ATLLED6/OCTO	467	117	1.88	£271.50	ATORLED5/OCTO/M3	458	115	2.08	£336.50
ATLLED2X4/DD	467	105	1.37	£171.00	ATLLED6/OCTO/DM3	467	117	2.46	£466.50	ATORLED6	458	109	1.8	£81.50
ATLLED2X4/DD/M3	467	105	1.95	£256.00	ATLLED6/OCTO/M3	467	117	2.46	£356.50	ATORLED6/DD	458	109	1.8	£171.50
ATLLED2X4/DM3	467	105	1.95	£276.00	ATLVD/IP44/CH	157	N/A	0.15	£11.35	ATORLED6/DD/M3	458	109	2.38	£256.50
ATLLED2X4/M3	467	105	1.95	£166.00	ATLVD/IP44/SC	157	N/A	0.15	£11.35	ATORLED6/DD/MWS	458	109	1.82	£227.50
ATLLED2X4/MWS	467	105	1.57	£137.00	ATLVD/IP44/W	157	N/A	0.15	£10.00	ATORLED6/DD/MWS/M3	458	109	2.6	£312.50
ATLLED2X4/MWS/DM3	467	105	2.05	£332.00	ATLVOG/IP44/B	161	N/A	0.2	£18.70	ATORLED6/M3	458	109	2.38	£166.50
ATLLED2X4/MWS/M3	467	105	2.05	£222.00	ATLVOG/IP44/SG	161	N/A	0.2	£18.70	ATORLED6/MWS	458	109	1.82	£137.50
ATLLED2X4/OCTO	467	105	1.37	£266.00	ATLVOG/IP44/W	161	N/A	0.2	£18.70	ATORLED6/MWS/M3	458	109	2.6	£222.50
ATLLED2X4/OCTO/DM3	467	105	1.95	£461.00	ATORLED2/110V	462	118	0.75	£41.50	ATORLED6/OCTO	458	109	1.8	£266.50
ATLLED2X4/OCTO/M3	467	105	1.95	£351.00	ATORLED2/110V/MWS	462	118	0.77	£97.50	ATORLED6/OCTO/M3	458	109	2.38	£351.50
ATLLED2X5	467	103	1.69	£89.50	ATORLED2X2/110V	462	118	0.98	£56.50	ATORPLED2X4	456	109	2.27	£75.00
ATLLED2X5/CF	467	103	1.69	£214.50	ATORLED2X2/110V/MWS	462	118	1	£112.50	ATORPLED2X4/DD	456	109	2.27	£165.00
ATLLED2X5/CF/DM3	467	103	2.49	£409.50	ATORLED2X4	458	110	1.1	£76.50	ATORPLED2X4/DD/DM3	456	109	3.27	£360.00
ATLLED2X5/CF/M3	467	103	1.69	£299.50	ATORLED2X4/110V	462	110	1.29	£90.50	ATORPLED2X4/DD/M3	456	109	3.27	£250.00
ATLLED2X5/DD	467	103	1.69	£179.50	ATORLED2X4/110V/M3	462	110	1.87	£175.50	ATORPLED2X4/DD/MWS	456	109	2.77	£221.00
ATLLED2X5/DD/M3	467	103	2.27	£264.50	ATORLED2X4/110V/MWS	462	110	1.31	£146.50	ATORPLED2X4/DD/MWS/DM3	456	109	3.77	£416.00
ATLLED2X5/DM3	467	103	2.27	£284.50	ATORLED2X4/110V/MWS/M3	462	110	1.89	£231.50	ATORPLED2X4/DD/MWS/M3	456	109	3.77	£306.00
ATLLED2X5/M3	467	103	2.27	£174.50	ATORLED2X4/DD	458	110	1.1	£166.50	ATORPLED2X4/DM3	456	109	3.27	£270.00
ATLLED2X5/MWS	467	103	1.79	£145.50	ATORLED2X4/DD/M3	458	110	1.68	£251.50	ATORPLED2X4/M3	456	109	3.27	£160.00
ATLLED2X5/MWS/DM3	467	103	2.37	£340.50	ATORLED2X4/DD/MWS	458	110	1.12	£222.50	ATORPLED2X4/MWS	456	109	2.77	£131.00
ATLLED2X5/MWS/M3	467	103	2.37	£230.50	ATORLED2X4/DD/MWS/M3	458	110	1.9	£307.50	ATORPLED2X4/MWS/DM3	456	109	3.77	£326.00
ATLLED2X5/OCTO	467	103	1.69	£274.50	ATORLED2X4/M3	458	110	1.68	£161.50	ATORPLED2X4/MWS/M3	456	109	3.77	£216.00
ATLLED2X5/OCTO/DM3	467	103	2.27	£469.50	ATORLED2X4/MWS	458	110	1.12	£132.50	ATORPLED2X4/OCTO	456	109	2.27	£260.00
ATLLED2X5/OCTO/M3	467	103	2.27	£359.50	ATORLED2X4/MWS/M3	458	110	1.9	£217.50	ATORPLED2X4/OCTO/DM3	456	109	3.27	£455.00
ATLLED2X6	467	114	1.93	£109.00	ATORLED2X4/OCTO	458	110	1.1	£261.50	ATORPLED2X4/OCTO/M3	456	109	3.27	£345.00
ATLLED2X6/CF	467	114	1.93	£234.00	ATORLED2X4/OCTO/M3	458	110	1.68	£346.50	ATORPLED2X5	456	104	3.05	£86.00
ATLLED2X6/CF/DM3	467	114	2.73	£429.00	ATORLED2X5	458	110	2	£87.50	ATORPLED2X5/DD	456	104	3.05	£176.00
ATLLED2X6/CF/M3	467	114	1.93	£319.00	ATORLED2X5/110V	462	110	1.71	£99.50	ATORPLED2X5/DD/DM3	456	104	4.05	£371.00
ATLLED2X6/DD	467	114	1.93	£199.00	ATORLED2X5/110V/M3	462	110	2.39	£184.50	ATORPLED2X5/DD/M3	456	104	4.05	£261.00
ATLLED2X6/DD/M3	467	114	2.51	£284.00	ATORLED2X5/110V/MWS	462	110	1.73	£155.50	ATORPLED2X5/DD/MWS	456	104	3.55	£232.00
ATLLED2X6/DM3	467	114	2.51	£304.00	ATORLED2X5/110V/MWS/M3	462	110	2.41	£240.50	ATORPLED2X5/DD/MWS/DM3	456	104	4.55	£427.00
ATLLED2X6/M3	467	114	2.51	£194.00	ATORLED2X5/DD	458	110	2	£177.50	ATORPLED2X5/DD/MWS/M3	456	104	4.55	£317.00
ATLLED2X6/MWS	467	114	2.03	£165.00	ATORLED2X5/DD/M3	458	110	2.58	£262.50	ATORPLED2X5/DM3	456	104	4.05	£281.00
ATLLED2X6/MWS/DM3	467	114	2.61	£360.00	ATORLED2X5/DD/MWS	458	110	2.02	£233.50	ATORPLED2X5/M3	456	104	4.05	£171.00
ATLLED2X6/MWS/M3	467	114	2.61	£250.00	ATORLED2X5/DD/MWS/M3	458	110	2.8	£318.50	ATORPLED2X5/MWS	456	104	3.55	£142.00
ATLLED2X6/OCTO	467	114	1.93	£294.00	ATORLED2X5/M3	458	110	2.58	£172.50	ATORPLED2X5/MWS/DM3	456	104	4.55	£337.00
ATLLED2X6/OCTO/DM3	467	114	2.51	£489.00	ATORLED2X5/MWS	458	110	2.02	£143.50	ATORPLED2X5/MWS/M3	456	104	4.55	£227.00
ATLLED2X6/OCTO/M3	467	114	2.51	£379.00	ATORLED2X5/MWS/M3	458	110	2.8	£228.50	ATORPLED2X5/OCTO	456	104	3.05	£271.00
ATLLED4	467	100	1.35	£64.50	ATORLED2X5/OCTO	458	110	2	£272.50	ATORPLED2X5/OCTO/DM3	456	104	4.05	£466.00
ATLLED4/CF	467	100	1.35	£189.50	ATORLED2X5/OCTO/M3	458	110	2.58	£357.50	ATORPLED2X5/OCTO/M3	456	104	4.05	£356.00
ATLLED4/CF/DM3	467	100	2.15	£384.50	ATORLED2X6	458	103	2.4	£105.00	ATORPLED2X6	456	105	3.2	£103.00
ATLLED4/CF/M3	467	100	1.35	£274.50	ATORLED2X6/DD	458	103	2.4	£195.00	ATORPLED2X6/DD	456	105	3.2	£193.00
ATLLED4/DD	467	100	1.35	£154.50	ATORLED2X6/DD/M3	458	103	2.98	£280.00	ATORPLED2X6/DD/DM3	456	105	4.3	£388.00
ATLLED4/DD/M3	467	100	1.93	£239.50	ATORLED2X6/DD/MWS	458	103	2.42	£251.00	ATORPLED2X6/DD/M3	456	105	4.3	£278.00
ATLLED4/DM3	467	100	1.93	£259.50	ATORLED2X6/DD/MWS/M3	458	103	3.2	£336.00	ATORPLED2X6/DD/MWS	456	105	3.7	£249.00
ATLLED4/M3	467	100	1.93	£149.50	ATORLED2X6/M3	458	103	2.98	£190.00	ATORPLED2X6/DD/MWS/DM3	456	105	4.8	£444.00
ATLLED4/MWS	467	100	1.45	£120.50	ATORLED2X6/MWS	458	103	2.42	£161.00	ATORPLED2X6/DD/MWS/M3	456	105	4.8	£334.00
ATLLED4/MWS/DM3	467	100	2.03	£315.50	ATORLED2X6/MWS/M3	458	103	3.2	£246.00	ATORPLED2X6/DM3	456	105	4.3	£298.00
ATLLED4/MWS/M3	467	100	2.03	£205.50	ATORLED2X6/OCTO	458	103	2.4	£290.00	ATORPLED2X6/M3	456	105	4.3	£188.00
ATLLED4/OCTO	467	100	1.35	£249.50	ATORLED2X6/OCTO/M3	458	103	2.98	£375.00	ATORPLED2X6/MWS	456	105	3.7	£159.00
ATLLED4/OCTO/DM3	467	100	1.93	£444.50	ATORLED4	458	104	0.78	£55.00	ATORPLED2X6/MWS/DM3	456	105	4.8	£354.00
ATLLED4/OCTO/M3	467	100	1.93	£334.50	ATORLED4/110V	462	104	1.85	£62.50	ATORPLED2X6/MWS/M3	456	105	4.8	£244.00
ATLLED5	467	107	1.68	£75.00	ATORLED4/110V/M3	462	104	2.43	£147.50	ATORPLED2X6/OCTO	456	105	3.2	£288.00
ATLLED5/CF	467	107	1.68	£200.00	ATORLED4/110V/MWS	462	104	1.87	£118.50	ATORPLED2X6/OCTO/DM3	456	105	4.3	£483.00
ATLLED5/CF/DM3	467	107	2.48	£395.00	ATORLED4/110V/MWS/M3	462	104	2.45	£203.50	ATORPLED2X6/OCTO/M3	456	105	4.3	£373.00
ATLLED5/CF/M3	467	107	1.68	£285.00	ATORLED4/DD	458	104	0.78	£145.00	ATORPLED4	456	117	2.13	£54.00
ATLLED5/DD	467	107	1.68	£165.00	ATORLED4/DD/M3	458	104	1.36	£230.00	ATORPLED4/DD	456	117	2.13	£144.00
ATLLED5/DD/M3	467	107	2.26	£250.00	ATORLED4/DD/MWS	458	104	0.8	£201.00	ATORPLED4/DD/DM3	456	117	3.13	£339.00
ATLLED5/DM3	467	107	2.26	£270.00	ATORLED4/DD/MWS/M3	458	104	1.58	£286.00	ATORPLED4/DD/M3	456	117	3.13	£229.00
ATLLED5/M3	467	107	2.26	£160.00	ATORLED4/M3	458	104	1.36	£140.00	ATORPLED4/DD/MWS	456	117	2.85	£200.00
ATLLED5/MWS	467	107	1.78	£131.00	ATORLED4/MWS	458	104	0.8	£111.00	ATORPLED4/DD/MWS/DM3	456	117	3.63	£395.00
ATLLED5/MWS/DM3	467	107	2.36	£326.00	ATORLED4/MWS/M3	458	104	1.58	£196.00	ATORPLED4/DD/MWS/M3	456	117	3.63	£285.00
ATLLED5/MWS/M3	467	107	2.36	£216.00	ATORLED4/OCTO	458	104	0.78	£240.00	ATORPLED4/DM3	456	117	3.13	£249.00
ATLLED5/OCTO	467	107	1.68	£260.00	ATORLED4/OCTO/M3	458	104	1.36	£325.00	ATORPLED4/M3	456	117	3.13	£139.00
ATLLED5/OCTO/DM3	467	107	2.26	£455.00	ATORLED5	458	115	1.5	£66.50	ATORPLED4/MWS	456	117	2.85	£110.00
ATLLED5/OCTO/M3	467	107	2.26	£345.00	ATORLED5/110V	462	115	2.41	£73.00	ATORPLED4/MWS/DM3	456	117	3.63	£305.00
ATLLED6	467	117	1.88	£86.50	ATORLED5/110V/M3	462	115	2.99	£158.00	ATORPLED4/MWS/M3	456	117	3.63	£195.00
ATLLED6/CF	467	117	1.88	£211.50	ATORLED5/110V/MWS	462	115	2.43	£129.00	ATORPLED4/OCTO	456	117	2.13	£239.00
ATLLED6/CF/DM3	467	117	2.68	£406.50	ATORLED5/110V/MWS/M3	462	115	3.01	£214.00	ATORPLED4/OCTO/DM3	456	117	3.13	£434.00
ATLLED6/CF/M3	467	117	1.88	£296.50	ATORLED5/DD	458	115	1.5	£156.50	ATORPLED4/OCTO/M3	456	117	3.13	£324.00
ATLLED6/DD	467	117	1.88	£176.50	ATORLED5/DD/M3	458	115	2.08	£241.50	ATORPLED5	456	111	2.38	£65.00
ATLLED6/DD/M3	467	117	2.46	£261.50	ATORLED5/DD/MWS	458	115	1.52	£212.50	ATORPLED5/DD	456	111	2.38	£155.00

Product Code	Page	Lm/W	Kg	Trade	Product Code	Page	Lm/W	Kg	Trade	Product Code	Page	Lm/W	Kg	Trade
ATORPLED5/DD/DM3	456	111	3.38	£350.00	AULED125DHP/DD/DM3	99	85	1.42	£367.50	AULEDGCP1/CW	92	40	0.08	£34.40
ATORPLED5/DD/M3	456	111	3.38	£240.00	AULED125DHP/DD/M3	99	85	1.42	£257.50	AULEDGCP1/WW	92	38	0.08	£34.40
ATORPLED5/DD/MWS	456	111	2.63	£211.00	AULED125DHP/DD/SM3	99	85	1.42	£285.50	AULEDGCP2/CW	92	33	0.13	£49.35
ATORPLED5/DD/MWS/DM3	456	111	3.88	£406.00	AULED125DHP/DM3	99	85	1.42	£277.50	AULEDGCP2/WW	92	32	0.13	£49.35
ATORPLED5/DD/MWS/M3	456	111	3.88	£296.00	AULED125DHP/M3	99	85	1.42	£167.50	AULEDGCP3/CW	92	42	0.26	£63.50
ATORPLED5/DM3	456	111	3.38	£260.00	AULED125DHP/OCTO	99	85	0.62	£227.50	AULEDGCP3/WW	92	39	0.26	£63.50
ATORPLED5/M3	456	111	3.38	£150.00	AULED125DHP/OCTO/DM3	99	85	1.42	£422.50	AULEDLP1/B	180	53	0.29	£88.50
ATORPLED5/MWS	456	111	2.63	£121.00	AULED125DHP/OCTO/M3	99	85	1.42	£312.50	AULEDLP1/W	180	53	0.29	£88.50
ATORPLED5/MWS/DM3	456	111	3.88	£316.00	AULED125DHP/OCTO/SM3	99	85	1.42	£340.50	AULEDLP1/WW/B	181	52	0.29	£88.50
ATORPLED5/MWS/M3	456	111	3.88	£206.00	AULED125DHP/SM3	99	85	1.11	£195.50	AULEDLP1/WW/W	181	52	0.29	£88.50
ATORPLED5/OCTO	456	111	2.38	£250.00	AULED150D	100	88	1.11	£91.00	AULEDLP2/B	181	71	0.45	£108.00
ATORPLED5/OCTO/DM3	456	111	3.38	£445.00	AULED150D/DD	100	88	1.11	£181.00	AULEDLP2/W	181	71	0.45	£108.00
ATORPLED5/OCTO/M3	456	111	3.38	£335.00	AULED150D/DD/M3	100	88	1.46	£266.00	AULEDLP2/WW/B	181	66	0.45	£108.00
ATORPLED6	456	106	2.8	£80.00	AULED150D/M3	100	88	1.46	£176.00	AULEDLP2/WW/W	181	66	0.45	£108.00
ATORPLED6/DD	456	106	2.8	£170.00	AULED150D/OCTO	100	88	1.11	£236.00	AULEDRECWW	113	85	1.5	£139.00
ATORPLED6/DD/DM3	456	106	3.8	£365.00	AULED150D/OCTO/M3	100	88	1.46	£321.00	AULEDRECWW/DD	113	85	1.5	£229.00
ATORPLED6/DD/M3	456	106	3.8	£255.00	AULED150D/WW	100	78	1.11	£91.00	AULEDRECWW/OCTO	113	85	1.5	£284.00
ATORPLED6/DD/MWS	456	106	2.85	£226.00	AULED150D/WW/DD	100	78	1.11	£181.00	AULEDS0/CW/B	182	69	0.32	£58.00
ATORPLED6/DD/MWS/DM3	456	106	4.3	£421.00	AULED150D/WW/DD/M3	100	78	1.46	£266.00	AULEDS0/CW/W	182	69	0.32	£58.00
ATORPLED6/DD/MWS/M3	456	106	4.3	£311.00	AULED150D/WW/M3	100	78	1.46	£176.00	AULEDS0/WW/B	182	63	0.32	£58.00
ATORPLED6/DM3	456	106	3.8	£275.00	AULED150D/WW/OCTO	100	78	1.11	£236.00	AULEDS0/WW/W	182	63	0.32	£58.00
ATORPLED6/M3	456	106	3.8	£165.00	AULED150D/WW/OCTO/M3	100	78	1.46	£321.00	AULEDS1/B	183	80	0.67	£94.00
ATORPLED6/MWS	456	106	2.85	£136.00	AULED150DHP	102	95	1.19	£101.00	AULEDS1/W	183	80	0.67	£94.00
ATORPLED6/MWS/DM3	456	106	4.3	£331.00	AULED150DHP/DD	102	95	1.19	£191.00	AULEDS1/WW/B	183	74	0.67	£94.00
ATORPLED6/MWS/M3	456	106	4.3	£221.00	AULED150DHP/DD/M3	102	95	2.07	£276.00	AULEDS1/WW/W	183	74	0.67	£94.00
ATORPLED6/OCTO	456	106	2.8	£265.00	AULED150DHP/M3	102	95	2.07	£186.00	AULEDS2/B	184	93	0.78	£107.00
ATORPLED6/OCTO/DM3	456	106	3.8	£460.00	AULED150DHP/OCTO	102	95	1.19	£246.00	AULEDS2/W	184	93	0.78	£107.00
ATORPLED6/OCTO/M3	456	106	3.8	£350.00	AULED150DHP/OCTO/M3	102	95	2.07	£331.00	AULEDS2/WW/B	184	86	0.78	£107.00
ATRILED/B	275	87-88	1.52	£96.50	AULED150WW	111	93	0.86	£84.00	AULEDS2/WW/W	184	86	0.78	£107.00
ATRILED/B/MWS	275	87-88	1.58	£141.50	AULED150WW/DD	111	93	0.86	£174.00	AULEDS3/B	186	88	1.15	£126.00
ATRILED/B/MWS/PC	275	87-88	1.64	£174.50	AULED150WW/OCTO	111	93	0.86	£229.00	AULEDS3/W	186	88	1.15	£126.00
ATRILED/B/PC	275	87-88	1.58	£129.50	AULED150WW/WW	111	86	0.86	£84.00	AULEDS3/WW/B	186	78	1.15	£126.00
ATRILED/G	275	87-88	1.52	£96.50	AULED150WW/WW/DD	111	86	0.86	£174.00	AULEDS3/WW/W	186	78	1.15	£126.00
ATRILED/G/MWS	275	87-88	1.58	£141.50	AULED150WW/WW/OCTO	111	86	0.86	£229.00	AULEDS4/B	187	93	1.45	£145.00
ATRILED/G/MWS/PC	275	87-88	1.64	£174.50	AULED175WW	112	88	1.21	£99.00	AULEDS4/W	187	93	1.45	£145.00
ATRILED/G/PC	275	87-88	1.58	£129.50	AULED175WW/DD	112	88	1.21	£189.00	AULEDS4/WW/B	187	88	1.45	£145.00
ATSLED/3NM	555	N/A	3.25	£124.00	AULED175WW/OCTO	112	88	1.21	£244.00	AULEDS4/WW/W	187	88	1.45	£145.00
ATSLED/3NM/ST/HO	552	N/A	2.1	£150.00	AULED175WW/WW	112	78	1.21	£99.00	AULEDSW/CW/B	188	31	0.58	£147.00
ATURWOLED/175	387	110	2.1	£202.00	AULED175WW/WW/DD	112	78	1.21	£189.00	AULEDSW/CW/W	188	31	0.58	£147.00
ATURWOLED/175/WW	387	98	2.04	£202.00	AULED175WW/WW/OCTO	112	78	1.21	£244.00	AULEDSW/WW/B	188	26	0.58	£147.00
ATURWOLED/230	388	116	3.6	£316.00	AULED2/REC	117	88	2.4	£214.00	AULEDSW/WW/W	188	26	0.58	£147.00
ATURWOLED/230/WW	388	106	3.63	£316.00	AULED2/REC/DD	117	88	2.4	£304.00	AUMLED/B/AC	166	N/A	0.01	£5.90
ATURWOLED/70	384	45	0.45	£57.00	AULED2/REC/DD/M3	117	88	3.3	£389.00	AUMLED/B/BC	166	N/A	0.008	£9.65
ATURWOLED/70/2	384	N/A	0.12	£29.20	AULED2/REC/OCTO	117	88	2.4	£359.00	AUMLED/B/CW	166	36-38	0.008	£60.00
ATURWOLED/70/4	384	N/A	0.11	£29.20	AULED2/REC/OCTO/M3	117	88	3.3	£444.00	AUMLED/B/DE	166	N/A	0.01	£1.90
ATURWOLED/70/WW	384	41	0.5	£57.00	AULED2/RMP	115	73	1.09	£127.00	AUMLED/B/LC	166	N/A	0.01	£5.65
ATURWOLED/95	386	97	0.8	£112.00	AULED2/RMP/DD	115	73	1.09	£217.00	AUMLED/B/LE	166	N/A	0.008	£9.25
ATURWOLED/95/WW	386	75	0.8	£112.00	AULED2/RMP/DD/M3	115	73	2	£302.00	AUMLED/B/SC	166	N/A	0.01	£5.65
AULED1/SMP	115	73	0.6	£66.00	AULED2/RMP/OCTO	115	73	1.09	£272.00	AUMLED/B/WW	167	21	0.008	£60.00
AULED1/SMP/DD	115	73	0.6	£156.00	AULED2/RMP/OCTO/M3	115	73	2	£357.00	AUMLED/W/AC	166	N/A	0.01	£5.90
AULED1/SMP/DD/M3	115	73	1.5	£241.00	AULED80D	94	77	0.29	£51.50	AUMLED/W/BC	166	N/A	0.008	£9.65
AULED1/SMP/OCTO	115	73	0.6	£211.00	AULED80D/DD	94	77	0.29	£141.50	AUMLED/W/CW	167	36-38	0.008	£60.00
AULED1/SMP/OCTO/M3	115	73	1.5	£296.00	AULED80D/DD/M3	94	77	1.4	£226.50	AUMLED/W/DE	166	N/A	0.01	£1.90
AULED1/SQU	117	88	1.22	£102.00	AULED80D/M3	94	77	1.4	£136.50	AUMLED/W/LC	166	N/A	0.01	£5.65
AULED1/SQU/DD	117	88	1.22	£192.00	AULED80D/OCTO	94	77	0.29	£196.50	AUMLED/W/LE	166	N/A	0.008	£9.25
AULED1/SQU/DD/M3	117	88	2.12	£277.00	AULED80D/OCTO/M3	94	77	1.4	£281.50	AUMLED/W/SC	166	N/A	0.01	£5.65
AULED1/SQU/OCTO	117	88	1.22	£247.00	AULED80D/WW	94	72	0.29	£51.50	AUMLED/W/WW	167	21	0.12	£60.00
AULED1/SQU/OCTO/M3	117	88	2.12	£332.00	AULED80D/WW/DD	94	72	0.29	£141.50	AUNLED	274	37	1.7	£105.00
AULED100WW	108	74	0.36	£63.50	AULED80D/WW/DD/M3	94	72	1.4	£226.50	AUSQLED100D/CW	104	88	0.34	£61.50
AULED100WW/DD	108	74	0.36	£153.50	AULED80D/WW/M3	94	72	1.4	£136.50	AUSQLED100D/CW/DD	104	88	0.34	£151.50
AULED100WW/OCTO	108	74	0.36	£208.50	AULED80D/WW/OCTO	94	72	0.29	£196.50	AUSQLED100D/CW/DD/M3	104	88	0.34	£236.50
AULED100WW/WW	108	60	0.36	£63.50	AULED80D/WW/OCTO/M3	94	72	1.4	£281.50	AUSQLED100D/CW/M3	104	88	0.34	£146.50
AULED100WW/WW/DD	108	60	0.36	£153.50	AULED80GIM	96	77	0.32	£56.00	AUSQLED100D/CW/OCTO	104	88	0.34	£206.50
AULED100WW/WW/OCTO	108	60	0.36	£208.50	AULED80GIM/DD	96	77	0.32	£146.00	AUSQLED100D/CW/OCTO/M3	104	88	0.34	£291.50
AULED125D	97	72	0.62	£66.50	AULED80GIM/DD/M3	96	77	1.42	£231.00	AUSQLED125D/CW	105	91	0.7	£76.50
AULED125D/DD	97	72	0.62	£156.50	AULED80GIM/M3	96	77	1.42	£141.00	AUSQLED125D/CW/DD	105	91	0.7	£166.50
AULED125D/DD/M3	97	72	1.5	£241.50	AULED80GIM/OCTO	96	77	0.32	£201.00	AUSQLED125D/CW/DD/M3	105	91	0.7	£251.50
AULED125D/M3	97	72	1.5	£151.50	AULED80GIM/OCTO/M3	96	77	1.42	£286.00	AUSQLED125D/CW/M3	105	91	0.7	£161.50
AULED125D/OCTO	97	72	0.62	£211.50	AULED80GIM/WW	96	72	0.32	£56.00	AUSQLED125D/CW/OCTO	105	91	0.7	£221.50
AULED125D/OCTO/M3	97	72	1.5	£296.50	AULED80GIM/WW/DD	96	72	0.32	£146.00	AUSQLED125D/CW/OCTO/M3	105	91	0.7	£306.50
AULED125D/WW	97	66	0.62	£66.50	AULED80GIM/WW/DD/M3	96	72	1.42	£231.00	AUSQLED150DHP/CW	106	92	0.75	£89.50
AULED125D/WW/DD	97	66	0.62	£156.50	AULED80GIM/WW/M3	96	72	1.42	£141.00	AUSQLED150DHP/CW/DD	106	92	0.75	£179.50
AULED125D/WW/DD/M3	97	66	1.5	£241.50	AULED80GIM/WW/OCTO	96	72	0.32	£201.00	AUSQLED150DHP/CW/DD/M3	106	92	0.75	£264.50
AULED125D/WW/M3	97	66	1.5	£151.50	AULED80GIM/WW/OCTO/M3	96	72	1.42	£286.00	AUSQLED150DHP/CW/M3	106	92	0.75	£174.50
AULED125D/WW/OCTO	97	66	0.62	£211.50	AULEDGCP/CW	90	34	0.13	£68.00	AUSQLED150DHP/CW/OCTO	106	92	0.75	£234.50
AULED125D/WW/OCTO/M3	97	66	1.5	£296.50	AULEDGCP/CW/OCTO	90	34	0.13	£213.00	AUSQLED150DHP/CW/OCTO/M3	106	92	0.75	£319.50
AULED125DHP	99	85	0.62	£82.50	AULEDGCP/WW	90	31	0.13	£68.00	AUTRA/110/20	200	N/A	N/A	£10.50
AULED125DHP/DD	99	85	0.62	£172.50	AULEDGCP/WW/OCTO	90	31	0.13	£213.00	AUTRA/110/60	200	N/A	N/A	£10.50

Product Code	Page	Lm/W	Kg	Trade
AUTRA/50/40	205	N/A	N/A	£5.30
AUTRA/80/20	199	N/A	N/A	£9.00
AUTRA/80/70	199	N/A	N/A	£9.00
AVANTLED1	126	90-107	0.136	£40.00
AVANTLED1/DD	126	90-107	0.136	£130.00
AVANTLED1/DD/DM3	126	90-107	0.936	£385.00
AVANTLED1/DD/M3	126	90-107	0.936	£275.00
AVANTLED1/DD/SM3	126	90-107	0.936	£303.00
AVANTLED1/DM3	126	90-107	0.936	£295.00
AVANTLED1/M3	126	90-107	0.936	£185.00
AVANTLED1/OCTO	126	90-107	0.136	£185.00
AVANTLED1/OCTO/DM3	126	90-107	0.936	£440.00
AVANTLED1/OCTO/M3	126	90-107	0.936	£330.00
AVANTLED1/OCTO/SM3	126	90-107	0.936	£358.00
AVANTLED1/SM3	126	90-107	0.936	£213.00
AVANTLED2	126	100-113	0.222	£50.00
AVANTLED2/DD	126	100-113	0.222	£140.00
AVANTLED2/DD/DM3	126	100-113	1.022	£395.00
AVANTLED2/DD/M3	126	100-113	1.022	£285.00
AVANTLED2/DD/SM3	126	100-113	1.022	£313.00
AVANTLED2/DM3	126	100-113	1.022	£305.00
AVANTLED2/M3	126	100-113	1.022	£195.00
AVANTLED2/OCTO	126	100-113	0.222	£195.00
AVANTLED2/OCTO/DM3	126	100-113	1.022	£450.00
AVANTLED2/OCTO/M3	126	100-113	1.022	£340.00
AVANTLED2/OCTO/SM3	126	100-113	1.022	£368.00
AVANTLED2/SM3	126	100-113	1.022	£223.00
AVANTLED3	127	97-112	0.292	£65.00
AVANTLED3/DD	127	97-112	0.292	£155.00
AVANTLED3/DD/DM3	127	97-112	1.092	£410.00
AVANTLED3/DD/M3	127	97-112	1.092	£300.00
AVANTLED3/DD/SM3	127	97-112	1.092	£328.00
AVANTLED3/DM3	127	97-112	1.092	£320.00
AVANTLED3/M3	127	97-112	1.092	£210.00
AVANTLED3/OCTO	127	97-112	0.292	£210.00
AVANTLED3/OCTO/DM3	127	97-112	1.092	£465.00
AVANTLED3/OCTO/M3	127	97-112	1.092	£355.00
AVANTLED3/OCTO/SM3	127	97-112	1.092	£383.00
AVANTLED3/SM3	127	97-112	1.092	£238.00
AVANTLED4	127	106-121	0.494	£85.00
AVANTLED4/DD	127	106-121	0.494	£175.00
AVANTLED4/DD/DM3	127	106-121	1.294	£430.00
AVANTLED4/DD/M3	127	106-121	1.294	£320.00
AVANTLED4/DD/SM3	127	106-121	1.294	£348.00
AVANTLED4/DM3	127	106-121	1.294	£340.00
AVANTLED4/M3	127	106-121	1.294	£230.00
AVANTLED4/OCTO	127	106-121	0.494	£230.00
AVANTLED4/OCTO/DM3	127	106-121	1.294	£485.00
AVANTLED4/OCTO/M3	127	106-121	1.294	£375.00
AVANTLED4/OCTO/SM3	127	106-121	1.294	£403.00
AVANTLED4/SM3	127	106-121	2.15	£258.00
AVASLED	476	96-106	2.15	£98.50
AVASLED/90	476	N/A	0.285	£18.05
AVASLED/90/B	476	N/A	0.285	£18.05
AVASLED/B	476	96-106	2.15	£98.50
AVASLED/B/DD	476	96-106	2.15	£188.50
AVASLED/B/M3	476	96-106	2.95	£183.50
AVASLED/B/OCTO	476	96-106	2.15	£283.50
AVASLED/B/OCTO/M3	476	96-106	2.95	£368.50
AVASLED/B/SK	476	N/A	0.12	£12.35
AVASLED/DD	476	96-106	0.05	£188.50
AVASLED/LC	476	N/A	0.05	£4.25
AVASLED/M3	476	96-106	2.95	£183.50
AVASLED/OCTO	476	96-106	2.15	£283.50
AVASLED/OCTO/M3	476	96-106	2.95	£368.50
AVASLED/SK	476	N/A	N/A	£12.35
AVASLED5	476	88-107	3.35	£144.00
AVASLED5/B	476	88-107	3.35	£144.00
AVASLED5/B/DD	476	88-107	3.35	£234.00
AVASLED5/B/M3	476	88-107	4.15	£229.00
AVASLED5/B/OCTO	476	88-107	3.35	£329.00
AVASLED5/B/OCTO/M3	476	88-107	4.15	£414.00
AVASLED5/DD	476	88-107	3.35	£234.00
AVASLED5/M3	476	88-107	4.15	£229.00
AVASLED5/OCTO	476	88-107	3.35	£329.00
AVASLED5/OCTO/M3	476	88-107	4.22	£414.00
AVENLED	525	98	4.22	£181.00
AVENLED/DD	525	98	4.22	£271.00

Product Code	Page	Lm/W	Kg	Trade
AVENLED/DD/M3	525	98	5.31	£356.00
AVENLED/M3	525	98	5.31	£266.00
AVENLED/OCTO	525	98	4.22	£366.00
AVENLED/OCTO/M3	525	98	5.31	£451.00
AVENLED/SM3	525	98	0.55	£294.00
AVFLED10	410	94	0.55	£37.50
AVFLED10/PIR	410	94	0.57	£54.50
AVFLED100	411	102	2.56	£321.00
AVFLED100/PC	411	102	2.66	£354.00
AVFLED150	411	112	4.2	£340.00
AVFLED150/PC	411	112	4.2	£373.00
AVFLED20	410	90	2.5	£80.00
AVFLED200	411	102	4.2	£428.00
AVFLED200/PC	411	102	4.3	£461.00
AVFLED30	410	97	0.88	£129.00
AVFLED50	411	96	1.25	£171.00
AVFLED50/PC	411	96	1.35	£204.00
AVILED/CCT/GR	320	83-84	1.12	£102.00
AVILED/CCT/GR/DD	320	83-84	1.12	£192.00
AVILED/CCT/GR/DD/M3	320	83-84	1.48	£277.00
AVILED/CCT/GR/DD/MWS	320	83-84	1.14	£248.00
AVILED/CCT/GR/DD/MWS/M3	320	83-84	1.5	£333.00
AVILED/CCT/GR/M3	320	83-84	1.48	£187.00
AVILED/CCT/GR/MWS	320	83-84	1.14	£158.00
AVILED/CCT/GR/MWS/M3	320	83-84	1.5	£248.00
AVILED/CCT/GR/PC	320	83-84	1.22	£135.00
AVILED/CCT/GR/PIR	320	83-84	2.36	£121.00
AVILED/CCT/GR/PIR/M3	320	83-84	1.12	£206.00
AVILED/CCT/SG	320	83-84	1.12	£102.00
AVILED/CCT/SG/DD	320	83-84	1.12	£192.00
AVILED/CCT/SG/DD/M3	320	83-84	1.48	£277.00
AVILED/CCT/SG/DD/MWS	320	83-84	1.14	£248.00
AVILED/CCT/SG/DD/MWS/M3	320	83-84	1.5	£333.00
AVILED/CCT/SG/M3	320	83-84	1.48	£187.00
AVILED/CCT/SG/MWS	320	83-84	1.14	£158.00
AVILED/CCT/SG/MWS/M3	320	83-84	1.5	£248.00
AVILED/CCT/SG/PC	320	83-84	1.22	£135.00
AVILED/CCT/SG/PIR	320	83-84	2.36	£121.00
AVILED/CCT/SG/PIR/M3	320	83-84	1.12	£206.00
AVILED/CCT/W	320	83-84	1.12	£102.00
AVILED/CCT/W/DD	320	83-84	2.36	£192.00
AVILED/CCT/W/DD/M3	320	83-84	3.16	£277.00
AVILED/CCT/W/DD/MWS/M3	320	83-84	3.16	£333.00
AVILED/CCT/W/DD/MWS/M3	320	83-84	3.16	£333.00
AVILED/CCT/W/M3	320	83-84	1.48	£187.00
AVILED/CCT/W/MWS	320	83-84	1.14	£158.00
AVILED/CCT/W/MWS/M3	320	83-84	1.5	£248.00
AVILED/CCT/W/PC	320	83-84	1.22	£135.00
AVILED/CCT/W/PIR	320	83-84	2.36	£121.00
AVILED/CCT/W/PIR/M3	320	83-84	2.36	£206.00
AVILED/HP/GR	321	78	2.36	£121.00
AVILED/HP/GR/DD	321	78	2.36	£211.00
AVILED/HP/GR/DD/M3	321	78	2.72	£296.00
AVILED/HP/GR/DD/MWS	321	78	2.38	£267.00
AVILED/HP/GR/DD/MWS/M3	321	78	2.8	£352.00
AVILED/HP/GR/M3	321	78	2.72	£206.00
AVILED/HP/GR/MWS	321	78	2.38	£177.00
AVILED/HP/GR/MWS/M3	321	78	2.8	£267.00
AVILED/HP/GR/PC	321	78	2.46	£154.00
AVILED/HP/SG	321	78	2.36	£121.00
AVILED/HP/SG/DD	321	78	2.36	£211.00
AVILED/HP/SG/DD/M3	321	78	2.72	£296.00
AVILED/HP/SG/DD/MWS	321	78	2.38	£267.00
AVILED/HP/SG/DD/MWS/M3	321	78	2.8	£352.00
AVILED/HP/SG/M3	321	78	2.72	£206.00
AVILED/HP/SG/MWS	321	78	2.38	£177.00
AVILED/HP/SG/MWS/M3	321	78	2.8	£267.00
AVILED/HP/SG/PC	321	78	2.46	£154.00
AVILED/HP/W	321	78	2.36	£121.00
AVILED/HP/W/DD	321	78	2.36	£211.00
AVILED/HP/W/DD/M3	321	78	3.16	£296.00
AVILED/HP/W/DD/MWS/M3	321	78	3.16	£352.00
AVILED/HP/W/DD/MWS/M3	321	78	3.16	£352.00
AVILED/HP/W/M3	321	78	2.72	£206.00
AVILED/HP/W/MWS	321	78	2.38	£177.00
AVILED/HP/W/MWS/M3	321	78	2.8	£267.00
AVILED/HP/W/PC	321	78	2.46	£154.00
AVIMLED/GR	319	89	0.66	£70.00

Product Code	Page	Lm/W	Kg	Trade
AVIMLED/GR/PC	319	89	0.76	£103.00
AVIMLED/GR/PIR	319	89	0.66	£89.00
AVIMLED/SG	319	89	0.66	£70.00
AVIMLED/SG/PC	319	89	0.76	£103.00
AVIMLED/SG/PIR	319	89	0.66	£89.00
AVIMLED/W	319	89	0.66	£70.00
AVIMLED/W/PC	319	89	0.76	£103.00
AVIMLED/W/PIR	319	89	0.73	£89.00
AVLED/KIT	239	N/A	0.58	£67.50
AVOLEDSWL	339	43	1.65	£69.50
AWLED/3M	547	N/A	1.02	£45.25
AWLED/L/AD	547	N/A	N/A	£9.60
AWLED/L/AL	547	N/A	N/A	£9.60
AWLED/L/AR	547	N/A	N/A	£9.60
AWLED/L/AU	547	N/A	N/A	£9.60
AWLED/LI/3M/ST	546	N/A	0.88	£58.00
AWO/GU10	393	N/A	1.26	£79.50
AWO50	392	N/A	1.08	£45.90
AWZILED10	416	84	0.24	£27.05
AWZILED10/PIR	416	84	0.27	£42.05
AWZILED10/WW	416	77	0.24	£27.05
AWZILED10/WW/PIR	416	77	0.27	£42.05
AWZILED20	416	90	0.43	£46.55
AWZILED20/PIR	416	90	0.45	£61.55
AWZILED20/WW	416	83	0.43	£46.55
AWZILED20/WW/PIR	416	83	0.45	£61.55
AWZILED30	417	84	0.43	£55.00
AWZILED30/PIR	417	84	0.45	£70.00
AWZILED30/WW	417	78	0.43	£55.00
AWZILED30/WW/PIR	417	78	0.45	£70.00
AWZILED50	417	94	0.71	£85.50
AWZILED50/PIR	417	94	0.73	£100.50
AWZILED50/WW	417	84	0.71	£85.50
AWZILED50/WW/PIR	417	84	0.73	£100.50
AZATLED	287	41	0.61	£44.90
AZGU10S/W	172	N/A	0.11	£32.85
AZILED10	414	84	0.24	£27.05
AZILED10/PIR	414	84	0.27	£42.05
AZILED10/WW	414	77	0.24	£27.05
AZILED10/WW/PIR	414	77	0.27	£42.05
AZILED20	414	90	0.43	£46.55
AZILED20/110V	418	90	0.27	£46.55
AZILED20/PIR	414	90	0.45	£61.55
AZILED20/WW	414	83	0.43	£46.55
AZILED20/WW/PIR	414	83	0.45	£61.55
AZILED30	415	84	0.43	£55.00
AZILED30/PIR	415	84	0.45	£70.00
AZILED30/WW	415	78	0.43	£55.00
AZILED30/WW/PIR	415	78	0.45	£70.00
AZILED50	415	94	0.71	£85.50
AZILED50/PIR	415	94	0.73	£100.50
AZILED50/WW	415	84	0.71	£85.50
AZILED50/WW/PIR	415	84	0.73	£100.50
AZLED/1	447	128	2.94	£183.00
AZLED/1/DL	447	130	2.94	£183.00
AZLED/1/DL/M3	447	130	4.64	£268.00
AZLED/1/DL/MWS	447	130	3.24	£261.00
AZLED/1/DL/MWS/M3	447	130	4.94	£346.00
AZLED/1/M3	447	128	4.64	£268.00
AZLED/1/MWS	447	128	3.24	£261.00
AZLED/1/MWS/M3	447	128	4.94	£346.00
AZLED/1/OCTO	447	128	3.05	£368.00
AZLED/2	447	131	3.05	£214.00
AZLED/2/DL	447	127	3.05	£214.00
AZLED/2/DL/M3	447	127	4.75	£299.00
AZLED/2/DL/MWS	447	127	3.35	£292.00
AZLED/2/DL/MWS/M3	447	127	5.05	£377.00
AZLED/2/M3	447	131	4.75	£299.00
AZLED/2/MWS	447	131	3.35	£292.00
AZLED/2/MWS/M3	447	131	5.05	£377.00
AZLED/2/OCTO	447	131	4.9	£399.00
AZLED/3	447	128	4.9	£290.00
AZLED/3/DL	447	129	4.9	£290.00
AZLED/3/DL/M3	447	129	6.6	£375.00
AZLED/3/DL/MWS	447	129	5.2	£368.00
AZLED/3/DL/MWS/M3	447	129	6.9	£453.00
AZLED/3/M3	447	128	6.6	£375.00
AZLED/3/MWS	447	128	4.96	£368.00

Product Price Index

Product Code	Page	Lm/W	Kg	Trade
AZLED/3/MWS/M3	447	128	6.9	£453.00
AZLED/3/OCTO	447	128	0.63	£475.00
AZLED/FB1	447	N/A	0.63	£22.05
AZLED/MWSP	447	N/A	0.24	£53.50
AZLED/REF	447	N/A	0.34	£56.00
AZPELED/1	444	152	2.2	£175.00
AZPELED/1/M3	444	152	2.2	£295.00
AZPELED/1/MWS	444	152	3.4	£253.00
AZPELED/1/MWS/M3	444	152	3.4	£373.00
AZPELED/1/OCTO	444	152	4.1	£360.00
AZPELED/2	444	152	2.6	£205.00
AZPELED/2/M3	444	152	2.6	£325.00
AZPELED/2/MWS	444	152	3.7	£283.00
AZPELED/2/MWS/M3	444	152	3.7	£403.00
AZPELED/2/OCTO	444	152	4.3	£390.00
AZPELED/3	444	151	2.8	£275.00
AZPELED/3/M3	444	151	2.8	£395.00
AZPELED/3/MWS	444	151	4	£353.00
AZPELED/3/MWS/M3	444	151	4	£473.00
AZPELED/3/OCTO	444	151	2.8	£460.00
AZPELED/FB1	444	N/A	0.63	£10.50
AZPELED/FB2	444	N/A	0.63	£10.50
AZPELED/REF	444	N/A	4.55	£42.50
AZPLLED/1	448	137	3.88	£280.00
AZPLLED/1/M3	448	137	3.6	£400.00
AZPLLED/1/MWS	448	137	2.8	£358.00
AZPLLED/1/MWS/M3	448	137	3.6	£478.00
AZPLLED/1/OCTO	448	137	6	£465.00
AZPLLED/2	448	142	5.19	£350.00
AZPLLED/2/M3	448	142	3.6	£470.00
AZPLLED/2/MWS	448	142	2.8	£428.00
AZPLLED/2/MWS/M3	448	142	3.6	£548.00
AZPLLED/2/OCTO	448	142	7.38	£535.00
AZPLLED/3	448	140	6.44	£425.00
AZPLLED/3/M3	448	140	3.6	£545.00
AZPLLED/3/MWS	448	140	2.8	£503.00
AZPLLED/3/MWS/M3	448	140	3.6	£623.00
AZPLLED/3/OCTO	448	140	2.8	£610.00
AZPLLED/LC	448	N/A	0.18	£18.00
AZPLLED/MWS	448	N/A	0.02	£35.00
AZPLLED/MWSP	448	N/A	0.02	£50.00
AZPLLED/SK	448	N/A	N/A	£12.00
AZTR/W	172	N/A	N/A	£6.50

Terms & Conditions

Conditions of Sale

1.   INTERPRETATION

1.1   The definitions and rules of interpretation in this condition apply in these conditions.
Customer: the person, firm or company who purchases the Goods from the Company.
Company: Ansell Lighting
Contract: any contract between the Company and the Customer for the sale and purchase of the Goods, incorporating these conditions.
Delivery Point: the place where delivery of the Goods is to take place under condition 4.
Goods: any goods agreed in the Contract to be supplied to the Customer by the Company (including any part or parts of them).
A reference to a law is a reference to it as it is in force for the time being taking account of any amendment, extension, application or re-enactment and includes any subordinate legislation for the time being in force made under it.

1.2   Words in the singular include the plural and in the plural include the singular.

1.3   A reference to one gender includes a reference to the other gender.

1.4   Condition headings do not affect the interpretation of these conditions.

2.   APPLICATION OF TERMS

2.1   Subject to any variation under condition 2.3 the Contract shall be on these conditions to the exclusion of all other terms and conditions (including any terms or conditions which the Customer purports to apply under any purchase order, confirmation of order, specification or other document).

2.2   No terms or conditions endorsed on, delivered with or contained in the Customer's purchase order, confirmation of order, specification or other document shall form part of the Contract simply as a result of such document being referred to in the Contract.

2.3   These conditions apply to all the Company's sales and any variation to these conditions and any representations about the Goods shall have no effect unless expressly agreed in writing and signed by a duly authorised officer of the Company. The Customer acknowledges that it has not relied on any statement, promise or representation made or given by or on behalf of the Company which is not set out in the Contract. Nothing in this condition shall exclude or limit the Company's liability for fraudulent misrepresentation.

2.4   Each order for Goods by the Customer from the Company shall be deemed to be an offer by the Customer to buy Goods subject to these conditions.

2.5   No order placed by the Customer shall be deemed to be accepted by the Company until the Company delivers the Goods to the Customer.

2.6   The Customer shall ensure that the terms of its order and any applicable specification are complete and accurate and in writing.

2.7   Any quotation is valid for a period of 30 days only from its date, provided that the Company has not previously withdrawn it.

3.   DESCRIPTION

All samples, drawings, descriptive matter, specifications and advertising issued by the Company and any descriptions or illustrations contained in the Company's catalogues or brochures are issued or published for the sole purpose of giving an approximate idea of the Goods described in them. They shall not form part of the Contract and this is not a sale by sample.

4.   DELIVERY

4.1   Unless otherwise agreed in writing by the Company, delivery of the Goods shall take place at the Customer's place of business unless the Goods are collected by the Customer when delivery shall take place at the Company's place of business.

4.2   Any dates specified by the Company for delivery of the Goods are intended to be an estimate and time for delivery shall not be made of the essence by notice. If no dates are so specified, delivery shall be within a reasonable time.

4.3   Subject to the other provisions of these conditions the Company shall not be liable for any direct, indirect or consequential loss (all three of which terms include, without limitation, pure economic loss, loss of profits, loss of business, depletion of goodwill and similar loss), costs, damages, charges or expenses caused directly or indirectly by any delay in the delivery of the Goods (even if caused by the Company's negligence), nor shall any delay entitle the Customer to terminate or rescind the Contract unless such delay exceeds 90 days. The Customer shall provide at the Delivery Point and at its expense adequate and appropriate equipment and manual labour for loading the Goods.

4.4   The Company may deliver the Goods by separate instalments. Each separate instalment shall be invoiced and paid for in accordance with the provisions of the Contract.

4.5   Each instalment shall be a separate Contract and no cancellation or termination of any one Contract relating to an instalment shall entitle the Customer to repudiate or cancel any other Contract or instalment.

5.   NON-DELIVERY

5.1   The quantity of any consignment of Goods as recorded by the Company on despatch from the Company's place of business shall be conclusive evidence of the quantity received by the Customer on delivery unless the Customer can provide conclusive evidence proving the contrary.

5.2   The Company shall not be liable for any non-delivery of Goods (including shortage in quantity of Goods delivered) (even if caused by the Company's negligence) unless the Customer gives written notice to the Company of the non-delivery or shortage in quantity within three days of the date when the Goods would in the ordinary course of events have been received or in the case of a shortfall in quantity the remaining Goods have been received.

5.3   Any liability of the Company in relation to this clause 5 shall be limited to replacing the non delivered Goods within a reasonable time or issuing a credit note at the pro rata Contract rate against any invoice raised for such Goods.

6.   RISK/TITLE

6.1   The Goods are at the risk of the Customer from the time of delivery.

6.2   Ownership of the Goods shall not pass to the Customer until the Company has received in full (in cash or cleared funds) all sums due to it in respect of:
(a)   the Goods; and
(b)   all other sums which are or which become due to the Company from the Customer on any account.

6.3   Until ownership of the Goods has passed to the Customer, the Customer shall:
(a)   hold the Goods on a fiduciary basis as the Company's bailee;
(b)   store the Goods (at no cost to the Company) separately from all other goods of the Customer or any third party in such a way that they remain readily identifiable as the Company's property;
(c)   not destroy, deface or obscure any identifying mark or packaging on or relating to the Goods; and
(d)   maintain the Goods in satisfactory condition and keep them insured on the Company's behalf for their full price against all risks to the reasonable satisfaction of the Company. On request the Customer shall produce the policy of insurance to the Company.

6.4   The Customer's right to possession of the Goods shall terminate immediately if:
(a)   the Customer has a bankruptcy order made against him or makes an arrangement or composition with his creditors, or otherwise takes the benefit of any statutory provision for the time being in force for the relief of insolvent debtors, or (being a body corporate) convenes a meeting of creditors (whether formal or informal), or enters into liquidation (whether voluntary or compulsory) except a solvent voluntary liquidation for the purpose only of reconstruction or amalgamation, or has a receiver and/or manager, administrator or administrative receiver appointed of its undertaking or any part thereof, or documents are filed with the court for the appointment of an administrator of the Customer or notice of intention to appoint an administrator is given by the Customer or its directors or by a qualifying floating charge holder (as defined in paragraph 14 of Schedule B1 to the UK Insolvency Act 1986), or a resolution is passed or a petition presented to any court for the winding-up of the Customer or for the granting of an administration order in respect of the Customer, or any proceedings are commenced relating to the insolvency or possible insolvency of the Customer; or
(b)   the Customer suffers or allows any execution, whether legal or equitable, to be levied on his/its property or obtained against him/it, or fails to observe or perform any of his/its obligations under the Contract or any other contract between the Company and the Customer, or is unable to pay its debts within the meaning of section 123 of the Insolvency act 1986 or the Customer ceases to trade; or
(c)   the Customer encumbers or in any way charges any of the Goods.

6.5   The Company shall be entitled to recover payment for the Goods notwithstanding that ownership of any of the Goods has not passed from the Company.

6.6   The Customer grants the Company, its agents and employees an irrevocable licence at any time to enter any premises where the Goods are or may be stored in order to inspect them, or, where the Customer's right to possession has terminated, to recover them.

6.7   Where the Company is unable to determine whether any Goods are the goods in respect of which the Customer's right to possession has terminated, the Customer shall be deemed to have sold all goods of the kind sold by the Company to the Customer in the order in which they were invoiced to the Customer.

6.8   On termination of the Contract, howsoever caused, the Company's (but not the Customer's) rights contained in this condition 6 shall remain in effect.

7.   PRICE

7.1   Unless otherwise agreed by the Company in writing, the price for the Goods shall be the price set out in the Company's price list published on the date of delivery or deemed delivery.

7.2   The price for the Goods shall be exclusive of any value added tax

7.3   Our catalogue, price lists and website contain a large number of products. It is always possible that, despite our reasonable efforts, some of the products may be incorrectly priced. If we discover an error in the price of any product you have ordered we will inform you of this error as soon as possible and we will give you the option of continuing to purchase the product at the correct price or cancelling your order.

8.   PAYMENT

8.1   Subject to condition 8.4, payment of the price for the Goods is due in full within terms notified.

8.2   Time for payment shall be of the essence.

8.3   No payment shall be deemed to have been received until the Company has received cleared funds.

8.4   All payments payable to the Company under the Contract shall become due immediately on its termination despite any other provision.

8.5   The Customer shall make all payments due under the Contract in full without any deduction whether by way of set-off, counterclaim, discount, abatement or otherwise unless the Customer has a valid court order requiring an amount equal to such deduction to be paid by the Company to the Customer.

8.6   If the Customer fails to pay the Company any sum due pursuant to the Contract, the Company reserves the right to claim interest under the provisions of the Late Payment of Commercial Debts (Interest) Act 1998.

9. QUALITY

9.1 The Company warrants that (subject to the other provisions of these conditions) on delivery and for a period of 12 months from the date of delivery the Goods shall be of satisfactory quality within the meaning of the Sale of Goods Act 1979

9.2 The Company shall not be liable for a breach of the warranty in condition 9.1 unless:
  (a) the Customer gives written notice of the defect to the Company, and, if the defect is as a result of damage in transit to the carrier, within 3 days of the time when the Customer discovers or ought to have discovered the defect; and
  (b) the Company is given a reasonable opportunity after receiving the notice of examining such Goods and the Customer (if asked to do so by the Company) returns such Goods to the Company's place of business at the Company's cost for the examination to take place there.

9.3 The Company shall not be liable for a breach of the warranty in condition 9.1 if:
  (a) the Customer makes any further use of such Goods after giving such notice; or
  (b) the defect arises because the Customer failed to follow the Company's oral or written instructions as to the storage, installation, commissioning, use or maintenance of the Goods or (if there are none) good trade practice; or
  (c) the Customer alters or repairs such Goods without the written consent of the Company.

9.4 Subject to condition 9.2 and condition 9.3, if any of the Goods do not conform with the warranty in condition 9.1 the Company shall at its option repair or replace such Goods (or the defective part) or refund the price of such Goods at the pro rata Contract rate provided that, if the Company so requests, the Customer shall, at the Company's expense, return the Goods or the part of such Goods which is defective to the Company.

9.5 If the Company complies with condition 9.4 it shall have no further liability for a breach of the warranty in condition 9.1 in respect of such Goods.

9.6 Any Goods replaced shall belong to the Company and any repaired or replacement Goods shall be guaranteed on these terms for the unexpired portion of the 12 month period.

9.7 Under no circumstances will charges for any repair or remedial work, including labour cost or equipment hire, be accepted without prior written consent and agreement from Ansell.

10. LIMITATION OF LIABILITY

10.1 All warranties, conditions and other terms implied by statute or common law (save for the conditions implied by section 12 of the Sale of Goods Act 1979) are, to the fullest extent permitted by law, excluded from the Contract.

10.2 Nothing in these conditions excludes or limits the liability of the Company:
  (a) for death or personal injury caused by the Company's negligence; or
  (b) for any matter which it would be illegal for the Company to exclude or attempt to exclude its liability; or
  (c) for fraud or fraudulent misrepresentation.

10.3 Subject to condition 10.1:
  (a) the Company's total liability in contract, tort (including negligence or breach of statutory duty), misrepresentation, restitution or otherwise, arising in connection with the performance or contemplated performance of the Contract shall be limited to the Contract price; and
  (b) the Company shall not be liable to the Customer for loss of profit, loss of business, or depletion of goodwill in each case whether direct, indirect or consequential, or any claims for consequential compensation whatsoever (howsoever caused) which arise out of or in connection with the Contract.

11. ASSIGNMENT

11.1 The Company may assign the Contract or any part of it to any person, firm or company.

11.2 The Customer shall not be entitled to assign the Contract or any part of it without the prior written consent of the Company.

12. FORCE MAJEURE

The Company reserves the right to defer the date of delivery or to cancel the Contract or reduce the volume of the Goods ordered by the Customer (without liability to the Customer) if it is prevented from or delayed in the carrying on of its business due to circumstances beyond the reasonable control of the Company including, without limitation, acts of God, governmental actions, war or national emergency, acts of terrorism, protests, riot, civil commotion, fire, explosion, flood, epidemic, lock-outs, strikes or other labour disputes (whether or not relating to either party's workforce), or restraints or delays affecting carriers or inability or delay in obtaining supplies of adequate or suitable materials, provided that, if the event in question continues for a continuous period in excess of 90 days, the Customer shall be entitled to give notice in writing to the Company to terminate the Contract.

13. GENERAL

13.1 Each right or remedy of the Company under the Contract is without prejudice to any other right or remedy of the Company whether under the Contract or not.

13.2 If any provision of the Contract is found by any court, tribunal or administrative body of competent jurisdiction to be wholly or partly illegal, invalid, void, voidable, unenforceable or unreasonable it shall to the extent of such illegality, invalidity, voidness, voidability, unenforceability or unreasonableness be deemed severable and the remaining provisions of the Contract and the remainder of such provision shall continue in full force and effect.

13.3 Failure or delay by the Company in enforcing or partially enforcing any provision of the Contract shall not be construed as a waiver of any of its rights under the Contract.

13.4 Any waiver by the Company of any breach of, or any default under, any provision of the Contract by the Customer shall not be deemed a waiver of any subsequent breach or default and shall in no way affect the other terms of the Contract.

13.5 The parties to the Contract do not intend that any term of the Contract shall be enforceable by virtue of the Contracts (Rights of Third Parties) Act 1999 by any person that is not a party to it.

13.6 The formation, existence, construction, performance, validity and all aspects of the Contract shall be governed by the law appropriate to the country of residence of the Ansell company supplying the goods and the parties submit to the exclusive jurisdiction of the relevant courts.

14. COMMUNICATIONS

14.1 All communications between the parties about the Contract shall be in writing and delivered by hand or sent by pre-paid first class post, sent by fax or Email:
  (a) (in case of communications to the Company) to its registered office and copied (if different from the Company's principal place of business as shown on the invoice rendered by the Company for the Goods) to said principal place of business or such changed address as shall be notified to the Customer by the Company; or
  (b) (in the case of the communications to the Customer) to the registered office of the addressee (if it is a company) or (in any other case) to any address of the Customer set out in any document which forms part of the Contract or such other address as shall be notified to the Company by the Customer.

14.2 Communications shall be deemed to have been received:
  (a) if sent by pre-paid first class post, two days (excluding Saturdays, Sundays and bank and public holidays) after posting (exclusive of the day of posting); or
  (b) if delivered by hand, on the day of delivery; or
  (c) if sent by fax on a working day prior to 4.00 pm, at the time of transmission and otherwise on the next working day.

15. ORDER VALUE

15.1 Please contact the Ansell Sales Office for value of carriage paid orders.

16. PURCHASE ORDERS

16.1 Written and priced orders will only be accepted.

17. DIRECT DELIVERIES

17.1 Ansell are unable to accept any liability for lost or misplaced goods once they have been delivered with a clear signature at a specified direct delivery address.

18. GOODS FOR RETURN

18.1 Under no circumstances may goods be returned without a documented authorisation number from Ansell sales office. Unauthorised returns will not be accepted. Goods will only be accepted for the stated reason.

18.2 The documented authorisation numbers from Ansell sales office will only be valid for 28 days after being issued and goods returned outside this period may be refused.

18.3 Ansell will make every effort to issue a credit note for returned goods within 28 days of receiving the goods. If a credit note has not been issued within this 28 day period it is the responsibility of the customer to investigate such outstanding credits with Ansell in a timely manner.

18.4 All faulty goods returned are inspected and tested. Any found to be in perfect working order will be returned and re-invoiced, together with any applicable carriage charges.

18.5 Goods purchased within a twelve week period and no longer required, might be accepted for return at the discretion of Ansell. Upon authorisation, it is the responsibility of the customer to return the consignment, ensuring that the goods are in full working order and in a re-saleable condition. Products and product boxes that are damaged (including transit damage), defaced or with broken seals will not be accepted for return and it is the responsibility of the customer to ensure compliance.

18.6 Products with remote or integral emergency cannot be accepted for return under any circumstances.

19. PRODUCTS MADE TO ORDER

19.1 Orders for specials ie variations to standard products or products not defined as stock items, are ordered and supplied on a strictly non-returnable basis.

19.2 Non-cancellable order basis. Under no circumstances will the company accept returns in full or partial quantities.

20. SPECIFICATION

20.1 It is the responsibility of the purchaser to ensure that any product selected is suitable and / or applicable for the intended installation.

21. COPYRIGHT

21.1 All products, names, drawings and descriptions may not be reproduced in any form whatsoever without prior written consent from Ansell.

22. PROTECTION OF PERSONAL DATA

22.1 The Company and the Customer undertake to comply with Regulation (EU) 2016/679 of the European Parliament and of the Council of 27 April 2016 on the protection of natural persons with regard to the processing of personal data and repealing Directive 95/46/EC (General Data Protection Regulation) OJ L 119/1, 4.5.2016 (and any successor legislation).

Warranty Information

WARRANTY AND PERIOD

Ansell Lighting warrants only to the original end user that the products and parts manufactured will be free from defects in material and workmanship for the warranty period. The warranty period is determined commencing upon date of invoice to the end user or, if the end user cannot provide proof of invoice, then the dispatch date from Ansell Lighting.

Emergency product warranty period will be determined solely by the battery warranty period (not the warranty period of any non-emergency equivalent). The battery warranty period is determined by the specific battery code, noted on all batteries.

LED warranty period is based on an average operating usage of eight hours per day and applies where failures exceed a component manufacturers expected failure rate and lumen depreciation.

CLEARANCE PRODUCTS

Those products which appear in the clearance section of https://ansellonline.com/ will automatically be subject to 12 months warranty, regardless of the previously advertised warranty period.

ANSELL LIGHTING OBLIGATION UNDER WARRANTY

Ansell Lighting's sole obligation under the warranty, shall be to repair or provide replacement product(s) during the warranty period. Ansell Lighting does not assume responsibility for delays in replacement or repair of products or parts. Products and parts repaired or replaced by Ansell Lighting under warranty, shall be warranted for the balance of the original warranty period.

DISCLAIMER OF ALL OTHER WARRANTIES

No other warranties, expressed or implied, are given, and Ansell Lighting expressly disclaims all other warranties, including and without limitation, the implied warranties of merchantability and fitness for purpose.

LIMITATIONS

No salesperson, representative, distributor or agent of Ansell Lighting, is authorised to make any guarantee, warranty, or representation that contradicts the terms contained in this Limited Warranty. Any Waiver, alteration, addition, or modification to the warranties contained herein must be in writing and signed by an authorised representative of Ansell Lighting to be binding and enforceable. Ansell Lighting does not assume responsibility for any specific application to which any products or parts of products are applied including, but not limited to, compatability with other products. Ansell Lighting will not accept any responsibility or warrant any product that has been tampered with or has been changed, altered or wrongly installed. All statements, technical information, or recommendations relating to the products or parts issued by Ansell Lighting are based upon tests believed to be reliable, but do not constitute a guarantee or warranty. Ansell Lighting shall not under any circumstances be liable to any party for loss of profits, loss of goodwill, or any other special, consequential, or incidental damages whatsoever, with respect to any claim in connection with products or parts manufactured by Ansell Lighting or products or parts used in any product or products manufactured by Ansell Lighting

EXCLUSIONS TO THE WARRANTY

The limited warranty shall be null and void in the following circumstances :-

1. Modification or repair of any covered product or part by the installer, end user or any non-authorised Ansell Lighting service provider
2. Improper use or installation, failure to conduct regular maintenance or cleaning, or damage by accident or neglect, of any covered product or part by the end user or any third party. In particular, all AISI316L stainless steel products must be cleaned with the Ansell cleaning kit ASSCK every three months to keep the features of the product unaltered.
3. Failure by the installer, end user or any third party to exercise caution to protect any covered product or part from outside damage, adverse temperature (normal operating ambient temperature 0 - 25°C), humidity conditions, fluctuations in the electrical system or physical abuse as well as failure related to workmanship in the installation of the product or parts.
4. Ansell Lighting will not assume responsibility for corrosion or other resulting damage to products where they are installed in areas in which fertilizer or chemicals are present, either in the air or in the soil or where products are installed near to chemical plants etc., or areas with emissions of heavy polluted air.
5. Failure of supplied lamps: all lamps have a manufacturers average lamp life and can fail before or after the prescribed average. Lamp life is reduced by switching cycles, temperature and voltage fluctuations outside of their operational range.
6. It is essential that the battery packs within all emergency luminaires are replaced after a four year period. All emergency luminaires must be tested in accordance with BS EN 5266-8-2004. Increased frequency of emergency testing may result in the premature replacement of battery pack before the standard four year period. Batteries are supplied with a 24 month warranty only.

Notes

Important Information

The information, technical specification and photography contained in this catalogue is representative of general models, correct at time of going to press. All dimensions and weight given are advisory and should be checked and confirmed prior to any crucial installation procedures such as ceiling cut-outs taking place. Whilst suggestions regarding luminaire applications are given, it is the responsibility of the installer to verify suitability.

Ansell Lighting reserves the right to make any modification necessary to parts or details without prior notice. The information contained in this publication does not form part of any contract with Ansell Lighting and any item supplied is done in full accordance of our Conditions of Sale (copy available on request).

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